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Agricultural
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Montana
commercial feed/
fertilizer report

1993
MONTANA COMMERCIAL FEED/FERTILIZER REPORT

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Agricultural Sciences Division
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Helena MT 59620-0201
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ANNUAL MONTANA COMMERCIAL FEED/FERTILIZER REPORT

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1993

Montana Commercial

Feed / Fertilizer Report

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PART A --- FEED REPORT

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Abbreviations used in Part A

NPN	Non-Protein Nitrogen
ppm	Parts Per Million
*	Exceeds Permitted Analytical Variation
<	Less Than
>	More Than
IU	International Units per Pound
!	Exceeds Three Times Claim

MANUFACTURER

AGRIBASICS
P.O. BOX 5025
GREAT FALLS,MT 59401

10# BULL DEVELOPER 10-26-93 SAMPLED IN GREAT FALLS SAMPLE # 5023

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14%	13.6%	

17% A. N. CAKE MEDICATED 10-26-93 SAMPLED IN GREAT FALLS SAMPLE # 5022

ANALYSIS	CLAIMED	FOUND	
PROTEIN	17%	16.6%	
VITAMIN A	20,000 IU	18,000 IU	

1:1 MINERAL SAMPLED IN MILES CITY SAMPLE # 5650

ANALYSIS	CLAIMED	FOUND	
PROTEIN	12%	14.9%	
NPN	<11%	12.6%	*
CALCIUM	11.5-12.5%	11.0%	
PHOSPHORUS	12%	13.1%	
SALT	4.5-5.5%	4.7%	
VITAMIN A	200,000 IU	202,000 IU	
VITAMIN D	50,000 IU	33,000 IU	
MAGNESIUM	2.0%	2.6%	
POTASSIUM	1.2%	0.75%	*

37% SWINE GROWER/FINISHER CONC 11-16-92 SAMPLED IN GREAT FALLS SAMPLE # 4982

ANALYSIS	CLAIMED	FOUND	
PROTEIN	37%	35.9%	*
CALCIUM	5.5-6.0%	5.9%	
PHOSPHORUS	2.25%	2.31%	
SALT	1.9-2.3%	3.3%	*

ALL AROUND LOT # 020007 SAMPLED IN GREAT FALLS SAMPLE # 4991

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	15.1%
VITAMIN A	5000 IU	8000 IU

ALL AROUND 4H1322 SAMPLED IN MILES CITY SAMPLE # 5651

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	14.7%

BASIC 20% AN BLOCK H13105 SAMPLED IN SIDNEY SAMPLE # 5655

ANALYSIS	CLAIMED	FOUND	
PROTEIN	20%	14.4%	*
SALT	12-14%	16.7%	*
VITAMIN A	20,000 IU	25,000 IU	
VITAMIN D	2,000 IU	14,000 IU	*

AGRIBASICS - GREAT FALLS CONTINUED

CUSTOM 18% RANGE CAKE MED LOT # 021002 SAMPLED IN GREAT FALLS SAMPLE # 4990

ANALYSIS	CLAIMED	FOUND
PROTEIN	18%	17.9%

CUSTOM CALF STARTER 10-27-93 SAMPLED IN GREAT FALLS SAMPLE # 5024

ANALYSIS	CLAIMED	FOUND
PROTEIN	18.5%	18.6%
VITAMIN A	10,000 IU	10,000 IU

CUSTOM HEPP 18% RANGE CAKE MED LOT # 021002 SAMPLED IN GREAT FALLS SAMPLE # 4990

ANALYSIS	CLAIMED	FOUND
VITAMIN A	16,000 IU	18,000 IU

MANUFACTURER

AGRIBASICS
P.O. BOX 1279
MILES CITY,MT 59301

BODY BUILDER 17% CALF CREEP LOT # 13224 SAMPLED IN MILES CITY SAMPLE # 5470

ANALYSIS	CLAIMED	FOUND
PROTEIN	17.0%	17.0%

MANUFACTURER

AGRINUTRITION SERVICES INC
1240 EAST THIRD AVE
SHAKOPEE,MN 55379

ANS RANGE MINERAL 15-15 LOT #349-1 SAMPLED IN FALLON SAMPLE # 5438

ANALYSIS	CLAIMED	FOUND
CALCIUM	14-16.8%	14.2%
PHOSPHORUS	15.0%	15.5%
SALT	4.5-5.5%	5.0%
VITAMIN A	100,000 IU	99,000 IU

MANUFACTURER

ALAMO PRODUCTS CO.
PO BOX 25200
LEHIGH VALLEY,PA 18002-5200

ALAMO SPECIAL MENU DOG FOOD SAVORY CHICKEN SAMPLED IN MONTANA SAMPLE # 5167

ANALYSIS	CLAIMED	FOUND
PROTEIN	8.0%	10.0%

MANUFACTURER

ALPO PETFOODS INC
PO BOX 25100
LEHIGH VALLEY,PA 18002

ALPO TUNA & CHICKEN TREAT — SAMPLED IN MONTANA — SAMPLE # 5164

ANALYSIS	CLAIMED	FOUND
PROTEIN	11.0%	11.6%

MANUFACTURER

ANIPRO
P.O. BOX 3185
GREAT FALLS,MT 59403

STOCKMAKER GTF-201 WEANING/RECEIVING LIQUID — SAMPLED IN GREAT FALLS — SAMPLE # 5029

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	13.4%
VITAMIN A	50,000 IU	52,000 IU
VITAMIN D	12,000 IU	13,000 IU

STOCKMAKER GTF-201 WEANING/RECEIVING LIQUID — SAMPLED IN HYSHAM — SAMPLE # 5080

ANALYSIS	CLAIMED	FOUND
PROTEIN	10.0%	12.2%
VITAMIN A	50,000 IU	40,000 IU
POTASSIUM	2.0%	2.9%

STOCKMAKER GTF-201 WEANING/RECEIVING LIQUID — SAMPLED IN GREAT FALLS — SAMPLE # 5365

ANALYSIS	CLAIMED	FOUND
PROTEIN	10.0%	12.8%
VITAMIN A	50,000 IU	48,000 IU

STOCKMAKER GTF-201 WEANING/RECEIVING LIQUID — SAMPLED IN MALTA — SAMPLE # 5424

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	10.7%
VITAMIN A	50,000 IU	50,000 IU
VITAMIN D	12,000 IU	10,000 IU

STOCKMAKER GTF-204 14% COW SUPPLEMENT — SAMPLED IN GREAT FALLS — SAMPLE # 5028

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	14.8%
CALCIUM	0.1-0.5%	0.11%
PHOSPHORUS	2%	2.3%
VITAMIN A	50,000 IU	45,000 IU
VITAMIN D	12,000 IU	10,000 IU
MAGNESIUM	0.1%	0.6%
POTASSIUM	2.0%	2.1%

ANIPRO - GREAT FALLS CONTINUED

STOCKMAKER GTF-204 14% COW SUPPLEMENT — SAMPLED IN MALTA — SAMPLE # 5423

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14%	14.1%	
VITAMIN A	50,000 IU	25,000 IU	*
POTASSIUM	2.0%	2.0%	

STOCKMAKER GTF-204 14% COW SUPPLEMENT — SAMPLED IN HYSHAM — SAMPLE # 5079

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14.0%	13.3%	*
PHOSPHORUS	2.0%	2.5%	
VITAMIN A	50,000 IU	18,000 IU	*
POTASSIUM	2.0%	1.9%	

STOCKMAKER GTF-204 14% COW SUPPLEMENT — SAMPLED IN GREAT FALLS — SAMPLE # 5366

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14.0%	14.0%	
VITAMIN A	50,000 IU	31,000 IU	*
MAGNESIUM	.10%	.66%	
POTASSIUM	2.0%	2.1%	

MANUFACTURER

BIG SKY FEED & SUPPLY
P.O. BOX 1402
BILLINGS,MT 59103

BIG SKY HORSE POWER 15% LOT#3101933 — SAMPLED IN BILLINGS — SAMPLE # 5518

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	15.3%

BIG SKY LAMB DEVELOPER MED LOT#3092141 — SAMPLED IN BILLINGS — SAMPLE # 5519

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	15.7%
VITAMIN A	10,000 IU	16,000 IU
CHLORTETRACYCLINE	50 G/T	103 G/T

CALF MEAL W/15% SALT LOT#3110929 — SAMPLED IN BILLINGS — SAMPLE # 5517

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	15.5%
SALT	14-15%	14.4%
VITAMIN A	30,000 IU	33,000 IU

MANUFACTURER

BIG SKY FEED & SUPPLY
601 8th AVE. NORTH
GREAT FALLS,MT 59401

BIG SKY CALF CROP MEDICATED 3H0401 — SAMPLED IN GREAT FALLS — SAMPLE # 5021

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	15.0%
VITAMIN A	10,000 IU	10,000 IU
CHLORTETRACYCLINE	175 G/T	114 G/T

BIG SKY CATTLE CAKE 20% A.N. 3J2619 — SAMPLED IN GREAT FALLS — SAMPLE # 5020

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	20.5%
VITAMIN A	20,000 IU	18,000 IU

BIG SKY COMPLETE RABBIT RATION 3J1311 — SAMPLED IN GREAT FALLS — SAMPLE # 5019

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	16.9%

BIG SKY RANGE MINERAL LOT# 3A1932 — SAMPLED IN GREAT FALLS — SAMPLE # 4994

ANALYSIS	CLAIMED	FOUND
CALCIUM	10-11%	12.3%
PHOSPHORUS	15%	15.5%
SALT	8.5-9.5%	9.4%
VITAMIN A	100,000 IU	71,000 IU

CATTLE CAKE 20% A.N. LOT # 3A1322 — SAMPLED IN GREAT FALLS — SAMPLE # 4995

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	19.0%
VITAMIN A	20,000 IU	18,000 IU

HORSE POWER 15% LOT # 340814 — SAMPLED IN GREAT FALLS — SAMPLE # 4993

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	15.6%

MANUFACTURER

BILLINGS RENDERING CO
P.O. BOX 50548
BILLINGS,MT 59105

INEDIBLE YELLOW GREASE — SAMPLED IN BILLINGS — SAMPLE # 5087

ANALYSIS	CLAIMED	FOUND
FAT	97.0%	99.6%

BILLINGS RENDERING CO - BILLINGS CONTINUED

MEAT & BONE MEAL — SAMPLED IN BILLINGS — SAMPLE # 5086

ANALYSIS	CLAIMED	FOUND	
PROTEIN	50.0%	54.7%	
CALCIUM	<2.2%	6.6%	*
PHOSPHORUS	4.0%	3.5%	*

MANUFACTURER

BROWN'S CUSTOM FEEDS
P.O. BOX 788
BAKER,MT 59313

SUPER CALF MED. LOT# 206 — SAMPLED IN BAKER — SAMPLE # 5467

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	14.3%

MANUFACTURER

CARGILL, INC- NUTRENA FEED DIV
P.O. BOX 9300 DEPT. 14
MINNEAPOLIS,MN 55440

20 EGG FEED LOT #1-1-1-5 — SAMPLED IN SACO — SAMPLE # 5383

ANALYSIS	CLAIMED	FOUND
PROTEIN	20.0%	20.1%
CALCIUM	3.5-4.5%	3.9%

20% FEEDLOT (MONT) 3H LOT#1-4-0-0 — SAMPLED IN MALTA — SAMPLE # 5417

ANALYSIS	CLAIMED	FOUND	
PROTEIN	20%	19.2%	*
CALCIUM	4.5-5.5%	5.1%	
SALT	2-3%	2.1%	
VITAMIN A	25,000 IU	21,000 IU	

CAT FOOD LOT # C0473 — SAMPLED IN BILLINGS — SAMPLE # 5121

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.5%

EXPLODER L I CONCENTRATE LOT#4-0-5 — SAMPLED IN MALTA — SAMPLE # 5418

ANALYSIS	CLAIMED	FOUND
PROTEIN	40%	40.5%
CALCIUM	4-5%	4.4%
PHOSPHORUS	2.3%	2.4%
SALT	2-3%	3.0%

CARGILL, INC- NUTRENA FEED DIV - MINNEAPOLIS CONTINUED

HORSE FEED--VITALITY LOT #09-23-92 SAMPLED IN SACO SAMPLE # 5370

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	13.9%

MONTANA SMALL GRAIN SUPPLEMENT 3H LOT#4-8-4 SAMPLED IN MALTA SAMPLE # 5416

ANALYSIS	CLAIMED	FOUND
PROTEIN	30%	37.1%
CALCIUM	4-5%	3.7%
PHOSPHORUS	2.2%	2.0%
SALT	2-3%	2.0%

NUTRENA 27% HI-PRO DOG FOOD LOT # C1343 SAMPLED IN MONTANA SAMPLE # 5136

ANALYSIS	CLAIMED	FOUND
PROTEIN	27.0%	26.9%

ORIGINAL CHUCK DOG FOOD LOT # C1533 SAMPLED IN BILLINGS SAMPLE # 5120

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	21.6%

START KWIK OXY B CONCENTRATE LOT#525 CON SAMPLED IN MALTA SAMPLE # 5422

ANALYSIS	CLAIMED	FOUND	
PROTEIN	32%	19.0%	*
VITAMIN A	50,000 IU	45,000 IU	
OXYTETRACYCLINE	2 g/lb	2.6 g/lb	

MANUFACTURER

CENEX/LAND O'LAKES AG SERVICES
2827 8th AVE S
FORT DODGE,IA 50501

HAYLAGE BALANCER BOR MEDICATED LOT #DL3-11-14 SAMPLED IN GLENDIVE SAMPLE # 5440

ANALYSIS	CLAIMED	FOUND	
PROTEIN	4.5%	9.6%	
CALCIUM	8.2-9.8%	9.5%	
PHOSPHORUS	1.2%	1.3%	
SALT	10.9-13.1%	12.1%	
VITAMIN A	60,000 IU	25,000 IU	*

LAMB GROWER FINISHER BOV MED LOT #DL 14-12 SAMPLED IN TERRY SAMPLE # 5439

ANALYSIS	CLAIMED	FOUND	
PROTEIN	16.0%	21.2%	
NPN	0.85%	0.74%	
VITAMIN A	4,500 IU	2,000 IU	*

CENEX/LAND O'LAKES AG SERVICES - FORT DODGE CONTINUED

PRO LEADER LOT #DL8-11-15 — SAMPLED IN GLENDIVE — SAMPLE # 5441

ANALYSIS	CLAIMED	FOUND
PROTEIN	40%	41.6%
CALCIUM	3.5-4.5%	4.4%
PHOSPHORUS	2.0%	2.3%
SALT	1.7-2.7%	2.1%

MANUFACTURER

CENTRAL FEED CO
220 E MAIN
LEWISTOWN,MT 59457

BEEF PERFORMANCE PELLETS — R.F. 1040 — SAMPLED IN LEWISTOWN — SAMPLE # 4996

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	14.2%

CALF KING — R.F. 1022 — SAMPLED IN LEWISTOWN — SAMPLE # 4997

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	12.4%
VITAMIN A	10,000 IU	9,000 IU

PIG AND SOW CONCENTRATE — R.F. 1039 — SAMPLED IN LEWISTOWN — SAMPLE # 4998

ANALYSIS	CLAIMED	FOUND
PROTEIN	36%	36.3%
CALCIUM	4-5%	4.5%
PHOSPHORUS	2%	2.5%
SALT	2-3%	2.7%
VITAMIN A	20,000 IU	19,000 IU

MANUFACTURER

CEREAL FOOD PROCESSORS
P.O. BOX 20
KANSAS CITY,MO 64141

BULK WHEAT MILLRUN & GROUND WHEAT SCREENINGS — SAMPLED IN BILLINGS — SAMPLE # 5085

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	16.5%
FIBER	<9.5%	12.8%

MANUFACTURER

COLONEL CANINE
1533 W DEVON
CHICAGO,IL 60660

COLONEL CANINE - CHICAGO CONTINUED

COLONEL CANINE REAL SNACKS FOR DOGS — SAMPLED IN MONTANA — SAMPLE # 5013

ANALYSIS	CLAIMED	FOUND
PROTEIN	13.9%	13.8%

MANUFACTURER

COMMERCIAL GRAIN
E.NORTHERN AVENUE
PLENTYWOOD,MT 59254

15% PHOSPHORUS RANGE MINERAL — SAMPLED IN PLENTYWOOD — SAMPLE # 5372

ANALYSIS	CLAIMED	FOUND
CALCIUM	9.5-11.5%	11.2%
PHOSPHORUS	15%	14.8%
SALT	18-20%	18.5%
VITAMIN A	100,000 IU	67,000 IU *

16% LAYER — SAMPLED IN PLENTYWOOD — SAMPLE # 5408

ANALYSIS	CLAIMED	FOUND
PROTEIN	16%	16.6%
CALCIUM	NO CLAIM	<0.1%

36% SWINE SUPPLEMENT — SAMPLED IN PLENTYWOOD — SAMPLE # 5373

ANALYSIS	CLAIMED	FOUND
PROTEIN	36%	36.0%
CALCIUM	3.5-4.5%	4.1%
PHOSPHORUS	1.6%	1.7%
SALT	2-3%	2.8%

PIG STARTER MEDICATED — SAMPLED IN PLENTYWOOD — SAMPLE # 5409

ANALYSIS	CLAIMED	FOUND
PROTEIN	18%	18.5%
CHLORTETRACYCLINE	150 G/T	152 G/T

MANUFACTURER

CON AGRA
P.O. BOX 2548
GREAT FALLS,MT 59403

GOLDEN NUG.CHUCK STYLE DOG FOOD LOT # 2D07063 — SAMPLED IN GREAT FALLS — SAMPLE # 5109

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	21.7%

CON AGRA - GREAT FALLS CONTINUED

S'MORE CAT FOOD LOT # 1D07083 — SAMPLED IN GREAT FALLS — SAMPLE # 5108

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	31.3%

MANUFACTURER

CONAGRA-WEST FEEDS
1420 MINNESOTA AVE
BILLINGS,MT 59101

ABC VITAMIN A & D PREMIX — LOT # 30152538 — SAMPLED IN GREAT FALLS — SAMPLE # 4992

ANALYSIS	CLAIMED	FOUND
VITAMIN A	8800000 IU	10200000IU

ABC VITAMIN A&D PREMIX — SAMPLED IN BILLINGS — SAMPLE # 5632

ANALYSIS	CLAIMED	FOUND
VITAMIN A	8,800,000	11,500,000

MEAT & BONE MEAL LOT #12762312 — SAMPLED IN GLASGOW — SAMPLE # 5361

ANALYSIS	CLAIMED	FOUND	
PROTEIN	50.0%	45.7%	*
FAT	6.5%	10.7%	
CALCIUM	8.8%	10.6%	
PHOSPHORUS	4.0%	5.9%	

MANUFACTURER

COUNTRY GENERAL STORES
PO BOX 278
DUNDEE,IL 60118

DYNA GRO HI PROTEIN DOG FOOD LOT # 1N07083 — SAMPLED IN MONTANA — SAMPLE # 5469

ANALYSIS	CLAIMED	FOUND
PROTEIN	27.0%	27.7%

MANUFACTURER

CUSTOM BUILT FEEDS
P.O. BOX 412
CULBERTSON,MT 59218

37% SWINE CONCENTRATE LOT #2-23-93-2 — SAMPLED IN CULBERTSON — SAMPLE # 5387

ANALYSIS	CLAIMED	FOUND	
PROTEIN	37.0%	41.9%	
CALCIUM	4-5%	2.0%	*
PHOSPHORUS	1.6%	1.5%	
SALT	2-3%	1.8%	

HI PHOSPHORUS MINERAL LOT #1-22-93-3 — SAMPLED IN CULBERTSON — SAMPLE # 5388

ANALYSIS	CLAIMED	FOUND
NPN	NO CLAIM	<0.3%
CALCIUM	10-12%	11.4%
PHOSPHORUS	12.0%	11.9%
SALT	8-9.6%	8.7%
VITAMIN A	100,000 IU	98,000 IU

OAT/CORN TERRAMYCIN CRUMBLE-MED LOT 1289221 — SAMPLED IN CULBERTSON — SAMPLE # 5386

ANALYSIS	CLAIMED	FOUND	
PROTEIN	13.88%	11.66%	*
VITAMIN A	250,000 IU	244,000 IU	
OXYTETRACYCLINE	2 G/T	2 G/T	

SUPER 14% BULL & CALF PELLETS — SAMPLED IN CULBERTSON — SAMPLE # 5384

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	13.7%
VITAMIN A	2,000 IU	3,600 IU

SUPER 20% COLT FEED LOT #9-28-92-1 — SAMPLED IN CULBERTSON — SAMPLE # 5385

ANALYSIS	CLAIMED	FOUND	
PROTEIN	20.0%	17.2%	*
VITAMIN A	10,000 IU	25,000 IU	

SUPER HIGH ENERGY RANGE BLOCK LOT# 2-19-93-1 — SAMPLED IN CULBERTSON — SAMPLE # 5389

ANALYSIS	CLAIMED	FOUND
PROTEIN	10.0%	10.7%
CALCIUM	NO CLAIM	2.0%
PHOSPHORUS	1.0%	0.9%
SALT	8.5-7.5%	7.9%
VITAMIN A	20,000 IU	18,000 IU

MANUFACTURER

EN-R-G MAX INC
R.R.
CROOKS,SD 57020

EN-R-G MAX HI-MAG 4% LOT #H1020320137 — SAMPLED IN OLIVE — SAMPLE # 5450

ANALYSIS	CLAIMED	FOUND
PROTEIN	13.5%	16.9%
PHOSPHORUS	2.5%	2.9%
VITAMIN A	100,000 IU	79,000 IU
MAGNESIUM	4.0%	3.3%

MANUFACTURER

EQUITY SUPPLY
P.O.BOX 579
KALISPELL,MT 59901

COMPLETE LAYER RATION CRUMBLES 50# — SAMPLED IN KALISPELL — SAMPLE # 4718

ANALYSIS	CLAIMED	FOUND
PROTEIN	17.0%	17.2%
CALCIUM	3.0-4.0%	4.1%

EQUITY DUCK & GOOSE FINISHER — SAMPLED IN KALISPELL — SAMPLE # 4722

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	15.4%

EQUITY EGG FEED — SAMPLED IN KALISPELL — SAMPLE # 4731

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	23.0%
CALCIUM	5.75-6.75%	6.6%
PHOSPHORUS	0.8%	1.1%

EQUITY FAT BEEF GROWER — SAMPLED IN KALISPELL — SAMPLE # 4720

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	12.9%

EQUITY HORSE FEED 13 — SAMPLED IN KALISPELL — SAMPLE # 4732

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	13.5%
VITAMIN A	15,000 IU	13,000 IU
VITAMIN D	3,000 IU	3,000 IU

RABBIT FEED — SAMPLED IN KALISPELL — SAMPLE # 4721

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	14.6%

MANUFACTURER

FARMLAND INDUSTRIES INC
3315 NORTH OAK TRAFFICWAY
KANSAS CITY,MO 64116

FARMLAND RIGHT ADULT DOG FOOD LOT # B110473 — SAMPLED IN BROADUS — SAMPLE # 5637

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	22.1%

MANUFACTURER

FARR BETTER FEEDS
P.O. BOX 20462
BILLINGS,MT 59104

BEEF COCCY-STAT MED LOT#8435 — SAMPLED IN SIDNEY — SAMPLE # 5656

ANALYSIS	CLAIMED	FOUND	
PROTEIN	15%	15.4%	

MANUFACTURER

GARFIELD COUNTY FEEDS INC
P. O. BOX 27
JORDON,MT 59337

20 % ALL NATURAL RANGE CUBES — SAMPLED IN JORDON — SAMPLE # 5648

ANALYSIS	CLAIMED	FOUND	
PROTEIN	20%	20.7%	
VITAMIN A	20,000 IU	14,000 IU	*
VITAMIN D	20,000 IU	11,000 IU	*

MANUFACTURER

GTA A HARVEST STATE CO
P.O. BOX 2322
GREAT FALLS,MT 59401

BEEF DEVELOPER COMPLETE RM15 MED — SAMPLED IN GREAT FALLS — SAMPLE # 5000

ANALYSIS	CLAIMED	FOUND	
PROTEIN	12.0%	13.1%	
NPN	2.0%	1.5%	
VITAMIN A	3,000 IU	2,000 IU	*

CALF GROW TEXT PELL BVT 50 8-18-93 — SAMPLED IN STEVENSVILLE — SAMPLE # 5609

ANALYSIS	CLAIMED	FOUND	
PROTEIN	20.8%	19.8%	*

CUST TEX PELLET DQ STEVENSV 8-18-93 — SAMPLED IN STEVENSVILLE — SAMPLE # 5610

ANALYSIS	CLAIMED	FOUND	
PROTEIN	25.2%	23.0%	*

GROPLEX 25/45 DEVELOPER GREEN 11-1-93 — SAMPLED IN GREAT FALLS — SAMPLE # 5027

ANALYSIS	CLAIMED	FOUND
PROTEIN	18%	18.0%
CHLORTETRACYCLINE	100 G/T	89 G/T

GTA A HARVEST STATE CO - GREAT FALLS CONTINUED

HEAD START TM 100 11-3-93 — SAMPLED IN GREAT FALLS — SAMPLE # 5026

ANALYSIS	CLAIMED	FOUND	
PROTEIN	12%	15.0%	
OXYTETRACYCLINE	200 G/T	270 G/T	

HI-EN 14 RM20 11-4-93 — SAMPLED IN GREAT FALLS — SAMPLE # 5025

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14%	14.1%	
CALCIUM	1.0-1.5%	1.4%	
PHOSPHORUS	0.5%	0.7%	

SIX-IN-ONE LOT #2-2-3-11 — SAMPLED IN GREAT FALLS — SAMPLE # 5002

ANALYSIS	CLAIMED	FOUND	
PROTEIN	38.0%	38.0%	
CALCIUM	3.75-4.75%	3.84%	
PHOSPHORUS	1.5%	1.8%	
SALT	2.5%	1.7%	
VITAMIN A	6,000 IU	3,500 IU	*

STYR-UP LOT #2-3-3-11 — SAMPLED IN GREAT FALLS — SAMPLE # 4999

ANALYSIS	CLAIMED	FOUND	
PROTEIN	13.0%	14.1%	
VITAMIN A	3,000 IU	2,000 IU	*

MANUFACTURER

GTA A HARVEST STATE CO
P.O. BOX 435
HARDIN,MT 59034

CALF CREEP BVT30 SCALE TICKET #61037 — SAMPLED IN COLUMBUS — SAMPLE # 5126

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	14.6%
VITAMIN A	5,000 IU	7,000 IU

RANGER 14N LOT # 9-30-3-12 — SAMPLED IN HARDIN — SAMPLE # 5129

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14%	14.8%	
SALT	1.5-2.0%	1.6%	
VITAMIN A	15,000 IU	10,000 IU	*

MANUFACTURER

GTA A HARVEST STATE CO
PO BOX 5047
SIOUX FALLS,SD 57117-5047

BEEF ADVANCER LOT#3-1-3-11 — SAMPLED IN MALTA — SAMPLE # 5425

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	20.0%
CALCIUM	4.0-5.0%	4.8%
SALT	1.5-2.5%	2.0%

CALF CREAM MEDICATED LOT 2K308145520469 — SAMPLED IN OPHEIM — SAMPLE # 5368

ANALYSIS	CLAIMED	FOUND
PROTEIN	22%	22.3%
FAT	20%	20.6%
VITAMIN A	15,000 IU	13,000 IU
OXYTETRACYCLINE	100 G/T	99 G/T

CALF CREEP BVT 30 MED. LOT # 08 2 7 3 — SAMPLED IN WIBAUX — SAMPLE # 5466

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	14.0%

CALF CREEP LOT # 30605 — SAMPLED IN GLENDIVE — SAMPLE # 5633

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	17.0%

DAI TECH CALF STARTER DQ MED LOT #8-1-11-27 — SAMPLED IN FALLON — SAMPLE # 5437

ANALYSIS	CLAIMED	FOUND
PROTEIN	18.0%	19.4%
VITAMIN A	5,000 IU	5,000 IU

DUCK & GOOSE CONCENTRATE — SAMPLED IN MALTA — SAMPLE # 5393

ANALYSIS	CLAIMED	FOUND
PROTEIN	38.0%	36.4% *

EQUITY HORSE FEED 13 50# — SAMPLED IN KALISPELL — SAMPLE # 4717

ANALYSIS	CLAIMED	FOUND
PROTEIN	13.0%	12.7%
VITAMIN A	15,000 IU	16,000 IU

FEEDLOT BVT720 LOT #1 18 3 11 — SAMPLED IN MALTA — SAMPLE # 5391

ANALYSIS	CLAIMED	FOUND
CALCIUM	15.0-18.0%	15.2%
SALT	18.0-21.0%	20.5%
VITAMIN A	75,000 IU	99,000 IU

GRO PLEX SAFEGARD COMPLETE WORMER LOT628117 — SAMPLED IN MALTA — SAMPLE # 5397

ANALYSIS	CLAIMED	FOUND
PROTEIN	14.0%	16.9%

GTA A HARVEST STATE CO - SIOUX FALLS CONTINUED

GROPLEX 110/240 FINISHER YELLOW MED LOT110311 SAMPLED IN MALTA SAMPLE # 5396

ANALYSIS	CLAIMED	FOUND
PROTEIN	12.0%	12.9%

GROPLEX 40/240 G/F SUPPLEMENT LOT 1-12-3-08 SAMPLED IN SACO SAMPLE # 5371

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	31.0%
CALCIUM	3.75-4.75%	4.15%
PHOSPHORUS	1.25%	1.44%
SALT	1.5-2.5%	1.8%
VITAMIN A	6,000 IU	7,400 IU

GTA CAT FOOD LOT # 1E1973 SAMPLED IN MONTANA SAMPLE # 5634

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.6%

GTA FEEDS SIX-IN-ONE SAMPLED IN KALISPELL SAMPLE # 4729

ANALYSIS	CLAIMED	FOUND
PHOSPHORUS	1.75%	1.8%
PROTEIN	38%	38.2%
CALCIUM	3.5-4.5%	4.1%
VITAMIN A	10,000 IU	12,000 IU

HEAD START S-70 MEDICATED SAMPLED IN MALTA SAMPLE # 5392

ANALYSIS	CLAIMED	FOUND
PROTEIN	12.0%	14.1%
CHLORTETRACYCLINE	70 G/T	65 G/T

HI-LO LOT #1-3-2-08 SAMPLED IN OPHEIM SAMPLE # 5367

ANALYSIS	CLAIMED	FOUND
NPN	NO CLAIM	39.0%
CALCIUM	1-2%	1.6%
PHOSPHORUS	15.0%	16.1%
MAGNESIUM	2.5%	3.0%

LAMB CREEP PELLETS MED LOT #18-10-7-2 SAMPLED IN BAKER SAMPLE # 5442

ANALYSIS	CLAIMED	FOUND
PROTEIN	17.0%	17.7%
VITAMIN A	3,000 IU	8,000 IU
CHLORTETRACYCLINE	50 G/T	29 G/T *

LAMB CREEP PELLETS MEDICATED SAMPLED IN MALTA SAMPLE # 5394

ANALYSIS	CLAIMED	FOUND
PROTEIN	17.0%	16.2%
CHLORTETRACYCLINE	50 G/T	56 G/T

GTA A HARVEST STATE CO - SIOUX FALLS CONTINUED

LAY CON 42 — SAMPLED IN MALTA — SAMPLE # 5395

ANALYSIS	CLAIMED	FOUND	
PROTEIN	42.0%	41.9%	
CALCIUM	2.5-3.5%	3.7%	
PHOSPHORUS	2.0%	2.3%	

SHEEP RANGE MINERAL LOT # 08-8-12-2 — SAMPLED IN WIBAUX — SAMPLE # 5444

ANALYSIS	CLAIMED	FOUND	
CALCIUM	12-14%	13.1%	
PHOSPHORUS	15.0%	16.0%	
SALT	11-13%	11.6%	
VITAMIN A	125,000 IU	69,000 IU	*
MAGNESIUM	2.5%	1.8%*	

SIX IN ONE 50# — SAMPLED IN KALISPELL — SAMPLE # 4719

ANALYSIS	CLAIMED	FOUND
PROTEIN	38.0%	38.0%
CALCIUM	3.75-4.75%	3.8%
PHOSPHORUS	1.5%	1.8%
SALT	1.5-2.5%	1.9%
VITAMIN A	6,000 IU	5,500 IU

START N GROW PUPPY FOOD LOT # 2E 813 — SAMPLED IN MONTANA — SAMPLE # 5465

ANALYSIS	CLAIMED	FOUND
PROTEIN	28.0%	28.1%

TETRA KRUMBLES DP MED LOT #11-20-2-08 — SAMPLED IN SACO — SAMPLE # 5369

ANALYSIS	CLAIMED	FOUND
VITAMIN A	100,000 IU	123,000 IU
OXYTETRACYCLINE	4 G/T	3.8 G/T

TRIPLE 12 BEEF MINERAL PLUS — SAMPLED IN KALISPELL — SAMPLE # 4730

ANALYSIS	CLAIMED	FOUND	
NPN	5.0%	0.8%	*
CALCIUM	12-14%	13.5%	
PHOSPHORUS	12%	13.2%	
VITAMIN A	150,000 IU	105,000 IU	
VITAMIN D	25,000 IU	18,000 IU	
MAGNESIUM	2.75%	1.7%	*
SELENIUM	0.0035%	0.0017%	*

MANUFACTURER

HARTZ MOUNTAIN CORP, THE
700 SOUTH FRONT STREET
HARRISON,NJ 07029

HARTZ MOUNTAIN CORP, THE - HARRISON CONTINUED

HAMSTER/GUINEA PIG VIT/MIN PLTS LOT#202031 — SAMPLED IN MONTANA — SAMPLE # 5412

ANALYSIS	CLAIMED	FOUND	
PROTEIN	16%	17.2%	
VITAMIN A	15,600 IU	9,000 IU	*

HARTZ JERKY DOG SNACKS LIVER FLAVOR — SAMPLED IN MONTANA — SAMPLE # 5411

ANALYSIS	CLAIMED	FOUND
PROTEIN	33%	36.8%

HARTZ PARAKEET SEED — SAMPLED IN MONTANA — SAMPLE # 5410

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	12.2%

MANUFACTURER

HEINZ PET PRODUCTS CO
ONE RIVERFRONT PLACE
NEWPORT,KY 41071

HEINZ SKIPPY PREMIUM CHUNKY STEW DOG FOOD — SAMPLED IN MONTANA — SAMPLE # 5165

ANALYSIS	CLAIMED	FOUND
PROTEIN	8.0%	8.5%

MEATY BONE SMALL DOG BISCUITS LOT # 3E19HE — SAMPLED IN MONTANA — SAMPLE # 5406

ANALYSIS	CLAIMED	FOUND
PROTEIN	11.0%	12.3%

MANUFACTURER

HUBBARD MILLING CO
P.O.BOX 8500
MANKATO,MN 56001-8500

14% CALF CREEP LOT#PL613 — SAMPLED IN BILLINGS — SAMPLE # 5514

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	14.2%

CHUCK STYLE DOG FOOD 21 % PROTIEN LOT 3L04063 — SAMPLED IN BRIDGER — SAMPLE # 5107

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	21.2%

HUBBARD MILLING CO - MANKATO CONTINUED

HUBBARD LAMB MILE REPLACER LOT #1-12-13H14 — SAMPLED IN SIDNEY — SAMPLE # 5448

ANALYSIS	CLAIMED	FOUND	
PROTEIN	23.0%	21.3%	*
FAT	30.0%	31.0%	
VITAMIN A	20,000 IU	14,000 IU	

SWINE CONCENTRATE LOT#PCW30 — SAMPLED IN BILLINGS — SAMPLE # 5515

ANALYSIS	CLAIMED	FOUND	
PROTEIN	45%	47%	
CALCIUM	6-7%	6.9%	
PHOSPHORUS	2.7%	3.1%	
VITAMIN A	30,000 IU	15,000 IU	*

MANUFACTURER

HUBBARD MILLING CO
P.O. BOX 940
RAPID CITY,SD 57701

12% HORSE FLAKE — SAMPLED IN BROADUS — SAMPLE # 5646

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	12.4%

HI ADE CAKE LOT#RBC 16 — SAMPLED IN BROADUS — SAMPLE # 5645

ANALYSIS	CLAIMED	FOUND	
PROTEIN	12%	14.0%	
VITAMIN A	500,000 IU	310,000 IU	*
VITAMIN D	25,000 IU	128,000 IU	*

NUTRAPREME LOT#CCGO1 — SAMPLED IN MILES CITY — SAMPLE # 5654

ANALYSIS	CLAIMED	FOUND
PROTEIN	26%	27.3%
VITAMIN A	50,000 IU	60,000 IU

MANUFACTURER

IAMS COMPANY, THE
P.O. BOX 530
AURORA,NE 68818

EUKANABA THE ORIGINAL PREMIUM LOT# 130793A2AV — SAMPLED IN BILLINGS — SAMPLE # 5114

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.0%
FAT	20.0%	19.9%

IAMS COMPANY, THE - AURORA CONTINUED

IAMS CHUCKS LOT # 140793A1AZ — SAMPLED IN BILLINGS — SAMPLE # 5112

ANALYSIS	CLAIMED	FOUND	
PROTEIN	26.0%	26.2%	
FAT	15.0%	15.1%	

IAMS PUPPY FOOD LOT # 07D793A3AW — SAMPLED IN BILLINGS — SAMPLE # 5113

ANALYSIS	CLAIMED	FOUND	
PROTEIN	28.0%	27.9%	
FAT	17.0%	17.5%	

MANUFACTURER

K-W FEED & GRAIN
127 E. YELLOWSTONE
BIG TIMBER,MT 59011

KW 12-12 RANGE MINERAL — SAMPLED IN BIG TIMBER — SAMPLE # 5498

ANALYSIS	CLAIMED	FOUND	
CALCIUM	11.5-12.5%	13.8%	
PHOSPHORUS	12%	13.2%	
VITAMIN A	240,000 IU	83,000 IU	*
MAGNESIUM	1.0%	1.6%	
COPPER	2.0%	0.17%	*
SELENIUM	0.0026%	0.0020%	

MANUFACTURER

KAL KAN FOODS INC
P.O. BOX 58853
VERNON,CA 90058

KAL KAN OPTIUM FOOD FOR CAT CHICKEN & RICE — SAMPLED IN MONTANA — SAMPLE # 5168

ANALYSIS	CLAIMED	FOUND
PROTEIN	8.0%	10.0%

PED. MEALTIME SMALL CRUNCHY BITES #311AL04H — SAMPLED IN MONTANA — SAMPLE # 5122

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	21.1%

MANUFACTURER

KAY-DEE FEED CO
1919 GRAND AVE
SIOUX CITY,IA 51107

KAY-DEE FEED CO - SIOUX CITY CONTINUED

ROYAL MINERAL 15 — SAMPLED IN MILES CITY — SAMPLE # 5653

ANALYSIS	CLAIMED	FOUND
CALCIUM	14-17%	16.3%
PHOSPHORUS	15%	15.5%
SALT	14-15%	14.5%
VITAMIN A	100,000 IU	75,000 IU
IODINE	0.01%	0.01%

MANUFACTURER

KAYTEE PRODUCTS INC
P.O. BOX 230
CHILTON,WI 53014

FORTI-DIET RABBIT FOOD LOT # 2322K — SAMPLED IN BILLINGS — SAMPLE # 5116

ANALYSIS	CLAIMED	FOUND
PROTEIN	17.0%	17.4%
FIBER	17.0%	17.1%

MANUFACTURER

KNOX McDANIEL CO
815 W. 24TH
OGDEN,UT 84401

DICAL 21% LOT #31607 — SAMPLED IN HAMILTON — SAMPLE # 4197

ANALYSIS	CLAIMED	FOUND
CALCIUM	15-18%	18.0%
PHOSPHORUS	21.0%	20.9%
FLUORINE	.21%	.23%

MANUFACTURER

LAKE MILLING INC
P.O. BOX 288
HAMILTON,MT 59840

16% MILK GOAT RATION — SAMPLED IN HAMILTON — SAMPLE # 5618

ANALYSIS	CLAIMED	FOUND	
PROTEIN	16%	13.2%	*

HOG FINISHER 13 — SAMPLED IN HAMILTON — SAMPLE # 5613

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	13.8%

LAKE MILLING INC - HAMILTON CONTINUED

LAKELAND FEEDS 16% DUALL LAYER LOT #319 — SAMPLED IN HAMILTON — SAMPLE # 5611

ANALYSIS	CLAIMED	FOUND	
PROTEIN	16%	16.2%	
CALCIUM	2.5-3.5%	2.6%	

LAKELAND FEEDS CALF/FOAL DEVELOPER LOT #317 — SAMPLED IN HAMILTON — SAMPLE # 5617

ANALYSIS	CLAIMED	FOUND	
CHLORTETRACYCLINE	20 G/T	37 G/T	
PROTEIN	17%	13.2%	*
VITAMIN A	10,000 IU	3,300 IU	*

LAKELAND FEEDS HOG MIXER 40 — SAMPLED IN HAMILTON — SAMPLE # 5614

ANALYSIS	CLAIMED	FOUND	
PROTEIN	40%	38.3%	*

LAKELAND FEEDS LAMB FATTENER LOT # 214 — SAMPLED IN HAMILTON — SAMPLE # 5615

ANALYSIS	CLAIMED	FOUND
CHLORTETRACYCLINE	20 G/T	38 G/T
PROTEIN	11%	11.9%

PACKER SPECIAL HORSE FEED — SAMPLED IN HAMILTON — SAMPLE # 5612

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	13.3%
SELENIUM	0.53 ppm	0.45 ppm

MANUFACTURER

LAND O'LAKES INC
2827 8TH AVE SOUTH
FORT DODGE,IA 50501

HARDY CHAMPION CAT FOOD LOT # A112223 — SAMPLED IN MONTANA — SAMPLE # 5636

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.1%

HARDY CHAMPION HI PRO DOG FOOD LOT # C312243 — SAMPLED IN MONTANA — SAMPLE # 5635

ANALYSIS	CLAIMED	FOUND
PROTEIN	27.0%	28.0%

MANUFACTURER

LMF FEEDS INC
N 39124 SHERMAN ROAD
DEER PARK,WA 99006

DEVELOPER CONCENTRATE (G) — SAMPLED IN HAMILTON — SAMPLE # 5616

ANALYSIS	CLAIMED	FOUND
PROTEIN	16%	15.5%
VITAMIN A	2,800 IU	4,200 IU

MANUFACTURER

MANNA PRO CORPORATION
P.O. BOX 11851
FRESNO,CA 93775

MANNA ELITE 14 STAGE 2 — SAMPLED IN BROADUS — SAMPLE # 5643

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	14.4%

MANNA PRO DOUBLE DUTY RABBIT PELLETS LOT #1DA — SAMPLED IN LAUREL — SAMPLE # 5102

ANALYSIS	CLAIMED	FOUND
PROTEIN	16.0%	16.6%

MANUFACTURER

MID STATES DIST CO
548 SOUTH SNELLING AVE
ST PAUL,MN 55116

DURALIFE 27% HI PROTEIN DOG FOOD LOT# 1D0633 — SAMPLED IN MONTANA — SAMPLE # 5135

ANALYSIS	CLAIMED	FOUND
PROTEIN	27.0%	28.8%

DURALIFE CAT FOOD LOT # 2D04203 — SAMPLED IN MONTANA — SAMPLE # 5132

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.9%

MANUFACTURER

MIDSTATES DISTRIBUTING
3401 HIAWATHA AVE. S.
MINNEAPOLIS,MN 55406

MIDSTATES DISTRIBUTING - MINNEAPOLIS CONTINUED

DURA LIFE CHICK STARTER/GROWER LOT #054 N1 — SAMPLED IN BILLINGS — SAMPLE # 5099

ANALYSIS	CLAIMED	FOUND	
PROTEIN	19.0%	19.2%	

MANUFACTURER

MILK SPECIALTIES CO
BOX 278
DUNDEE,IL 60118

ACIDIFIED LAMB MILK REPLACER INSTANT — SAMPLED IN GREAT FALLS — SAMPLE # 5003

ANALYSIS	CLAIMED	FOUND	
PROTEIN	23.0%	23.6%	
FAT	30.0%	30.6%	
VITAMIN A	15,000 IU	7,400 IU	*

MANUFACTURER

MINN-KOTA AG PRODUCTS, INC
PO BOX 175
BRECKENRIDGE,MN 56520

MIN-KOTA 15% CALF CREEP — SAMPLED IN GLENDIVE — SAMPLE # 5446

ANALYSIS	CLAIMED	FOUND
PROTEIN	15.0%	15.3%

MANUFACTURER

MINTANA MILLS INC
2019 MINNESOTA AVENUE
BILLINGS,MT 59101

14% CALF PELLETS — SAMPLED IN BILLINGS — SAMPLE # 5484

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	13.9%

18% EGG MASH — SAMPLED IN BILLINGS — SAMPLE # 5485

ANALYSIS	CLAIMED	FOUND	
PROTEIN	18%	16.4%	*
CALCIUM	3-3.5%	1.6%	*
PHOSPHORUS	0.7%	0.8%	

HOG FINISHER PELLETS — SAMPLED IN BILLINGS — SAMPLE # 5483

ANALYSIS	CLAIMED	FOUND
PROTEIN	14%	14.0%

MANUFACTURER

MOORMAN MFG. CO.
P.O. BOX C1
QUINCY,IL 62301-3115

IGR MINERALS LOT #EB6107B — SAMPLED IN FROMBERG — SAMPLE # 5144

ANALYSIS	CLAIMED	FOUND
CALCIUM	13.2-15.8%	15.0%
VITAMIN A	200,000 IU	192,000 IU

MINTRATE MSP 10/41 FOR COWS LOT #WC2030B — SAMPLED IN FROMBERG — SAMPLE # 5143

ANALYSIS	CLAIMED	FOUND
PROTEIN	41.0%	41.0%
NPN	8.75%	8.33%

MOORMANS MAXLEAN MVP #264 NH2114A — SAMPLED IN SIDNEY — SAMPLE # 5639

ANALYSIS	CLAIMED	FOUND
PROTEIN	42%	41.2%
CALCIUM	3.7-4.7%	4.0%
PHOSPHORUS	1.9%	2.1%
SALT	1.6-2.6%	2.0%

MOORMANS MOORCALF LOT #2H1322 — SAMPLED IN FROMBERG — SAMPLE # 5145

ANALYSIS	CLAIMED	FOUND
PROTEIN	20.0%	20.4%
VITAMIN A	15,000 IU	6,500 IU *

ROUGHAGE BUSTER 80 — SAMPLED IN MILES CITY — SAMPLE # 5640

ANALYSIS	CLAIMED	FOUND
PROTEIN	80%	89.9%
NPN	<12.5%	12.6%
CALCIUM	4.4-5.4%	5.0%
PHOSPHORUS	4.0%	4.2%
SALT	3.9-4.9%	3.1%
VITAMIN A	200,000 IU	170,000 IU

MANUFACTURER

NUTRA-LIX INC
P.O. BOX 31833
BILLINGS,MT 59107

#2 CUSTOM 24% — SAMPLED IN BILLINGS — SAMPLE # 5097

ANALYSIS	CLAIMED	FOUND
PROTEIN	24.0%	24.3%
NPN	14.0%	0.3%
VITAMIN A	40,000 IU	30,000 IU

NUTRA-LIX INC - BILLINGS CONTINUED

#3 CUSTOM RANGE — SAMPLED IN BILLINGS — SAMPLE # 5096

ANALYSIS	CLAIMED	FOUND	
PROTEIN	22.0%	22.0%	
NPN	14.0%	0.3%	
VITAMIN A	40,000 IU	<3,000%	*

12-6 MINERAL LOT#3165 — SAMPLED IN BILLINGS — SAMPLE # 5474

ANALYSIS	CLAIMED	FOUND
CALCIUM	6.0-7.0%	7.5%
PHOSPHORUS	12%	11.9%
VITAMIN A	300,000 IU	302,000 IU
VITAMIN D	30,000 IU	29,000 IU
MAGNESIUM	2%	1.8%
POTASSIUM	2%	2.1%
ZINC	0.32%	0.29%
MANGANESE	0.33%	.3%

CUSTOM 10% — SAMPLED IN BILLINGS — SAMPLE # 5098

ANALYSIS	CLAIMED	FOUND
PROTEIN	10.0%	11.5%
VITAMIN A	40,000 IU	46,000 IU

CUSTOM 10% ALL NATURAL — SAMPLED IN BROADUS — SAMPLE # 5644

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	10.1%
VITAMIN A	40,000 IU	80,000 IU
VITAMIN D	10,000 IU	22,000 IU
POTASSIUM	2.5%	2.9%

CUSTOM 10% ALL NATURAL NUTRA LIX — SAMPLED IN CIRCLE — SAMPLE # 5445

ANALYSIS	CLAIMED	FOUND	
PROTEIN	10.0%	12.4%	
VITAMIN A	40,000 IU	4,700 IU	*

CUSTOM 10% NUTRA-LIX — SAMPLED IN BILLINGS — SAMPLE # 5471

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	10.1%
CALCIUM	0.01-1.0%	0.25%
PHOSPHORUS	0.6%	0.64%
VITAMIN A	40,000 IU	49,000 IU
VITAMIN D	10,000 IU	11,000 IU
POTASSIUM	2.5%	3.1%

CUSTOM 24% NUTRA-LIX — SAMPLED IN FORSYTH — SAMPLE # 5076

ANALYSIS	CLAIMED	FOUND	
PROTEIN	24.0%	25.6%	
NPN	<14.0%	0.5%	
PHOSPHORUS	1.6%	1.9%	
VITAMIN A	40,000 IU	9,000 IU	*
POTASSIUM	2.5%	2.6%	

NUTRA-LIX INC - BILLINGS CONTINUED

CUSTOM 24% NUTRA-LIX — SAMPLED IN BAKER — SAMPLE # 5443

ANALYSIS	CLAIMED	FOUND	
PROTEIN	24.0%	26.5%	
NPN	<14.0%	0.4%	
VITAMIN A	40,000 IU	7,400 IU	*

CUSTOM 24% NUTRA-LIX — SAMPLED IN BILLINGS — SAMPLE # 5472

ANALYSIS	CLAIMED	FOUND
PROTEIN	24%	24.0%
NPN	<3%	0.3%
VITAMIN A	40,000 IU	61,000 IU
VITAMIN D	10,000 IU	9,000 IU

CUSTOM RANGE — SAMPLED IN BILLINGS — SAMPLE # 5473

ANALYSIS	CLAIMED	FOUND	
PROTEIN	22%	22.1%	
NPN	<14%	0.5%	
CALCIUM	0.01-1.0%	0.24%	
PHOSPHORUS	2.8%	2.4%	*
POTASSIUM	2.5%	2.5%	

HIGH MAG MINERAL LOT#3060 — SAMPLED IN BILLINGS — SAMPLE # 5475

ANALYSIS	CLAIMED	FOUND	
CALCIUM	4-5%	4.2%	
PHOSPHORUS	4%	4.2%	
MAGNESIUM	10%	8.7%	
IODINE	0.2%	0.01%	*

NUTRA LIX 12-12 MINERAL — SAMPLED IN WOLF POINT — SAMPLE # 5352

ANALYSIS	CLAIMED	FOUND
CALCIUM	11.0-13.0%	12.7%
PHOSPHORUS	12.0%	13.8%
MAGNESIUM	2.0%	1.9%
POTASSIUM	2.0%	1.7%

MANUFACTURER

P.C.S. PRODUCTS INC
RT 1, BOX 115C
SCOTTSBLUFF,NE 69361

RUMIX BEEF PAC — SAMPLED IN BILLINGS — SAMPLE # 5081

ANALYSIS	CLAIMED	FOUND	
PROTEIN	80.0%	76.0%	*
NPN	57%	53.7%	
CALCIUM	9.5-10.5%	12.0%	*
PHOSPHORUS	2%	2.2%	
SALT	5-6%	9.1%	*
VITAMIN A	120,000 IU	54,000 IU	*

P.C.S. PRODUCTS INC - SCOTTSBLUFF CONTINUED

RUMIX HAY & PASTURE PAK — SAMPLED IN BILLINGS — SAMPLE # 5082

ANALYSIS	CLAIMED	FOUND	
PROTEIN	12.0%	12.5%	
NPN	8.0%	8.0%	
CALCIUM	7.5-8.5%	9.2%	
PHOSPHORUS	15.0%	11.1%	*
VITAMIN A	480,000 IU	507,000 IU	

RUMIX QUICK — SAMPLED IN BILLINGS — SAMPLE # 5083

ANALYSIS	CLAIMED	FOUND	
PROTEIN	12%	10.8%	*
NPN	7%	5.2%	
CALCIUM	1-2%	2.2%	
PHOSPHORUS	4%	2.3%	*
SALT	9.5-10.5%	13.0%	*
VITAMIN A	100,000 IU	104,000 IU	

SWINE MIX SUPREME — SAMPLED IN BILLINGS — SAMPLE # 5084

ANALYSIS	CLAIMED	FOUND
CALCIUM	21-23%	21.5%
PHOSPHORUS	8.5%	8.1%
SALT	16-17%	16.1%
VITAMIN A	110,000 IU	86,000 IU

MANUFACTURER

PFAU'S PELLET MILL
2685 EASTSIDE HWY
STEVENSVILLE,MT 59870

14-6 HAY & GRAIN PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 4200

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14.0%	13.1%	*

14-6 HAY & GRAIN PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 5621

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	13.3%

CALF STARTER PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 4198

ANALYSIS	CLAIMED	FOUND
PROTEIN	13.0%	14.2%

COLT LAMB PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 5572

ANALYSIS	CLAIMED	FOUND	
PROTEIN	15.0%	12.4%	*

PFAU'S PELLET MILL - STEVENSVILLE CONTINUED

GROWER - FINISHER HOG PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 5622

ANALYSIS	CLAIMED	FOUND	
PROTEIN	13.5%	12.8%	*

LAYER II PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 5619

ANALYSIS	CLAIMED	FOUND	
PROTEIN	16%	15.4%	*

PIG STARTER PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 4199

ANALYSIS	CLAIMED	FOUND
PROTEIN	15.0%	15.9%

RABBIT PELLET — SAMPLED IN STEVENSVILLE — SAMPLE # 5620

ANALYSIS	CLAIMED	FOUND	
PROTEIN	17%	15.4%	*

MANUFACTURER

PHARMTECH LTD
BOX 3600 10100 DOUGLAS AVE
DES MOINES,IA 50322

SWINE FINISHER PAK NO. 2080 — SAMPLED IN CHOTEAU — SAMPLE # 5018

ANALYSIS	CLAIMED	FOUND
PROTEIN	21%	23%

MANUFACTURER

PITMAN-MOORE, INC (IMC)
421 EAST HAWLEY ST.
MUNDELEIN,IL 60060

BIOFOS — SAMPLED IN GLASGOW — SAMPLE # 5362

ANALYSIS	CLAIMED	FOUND
CALCIUM	15-18%	14.9%
PHOSPHORUS	21.0%	23.2%

DYNAMATE — SAMPLED IN HAMILTON — SAMPLE # 4196

ANALYSIS	CLAIMED	FOUND
MAGNESIUM	11.0%	11.4%
POTASSIUM	18.0%	22.3%

MANUFACTURER

PM AG PRODUCTS
1320 S 24th W
BILLINGS,MT 59102

LOOMIX MCS 4192-B604 — SAMPLED IN BILLINGS — SAMPLE # 5481

ANALYSIS	CLAIMED	FOUND	
PROTEIN	15%	15.4%	
CALCIUM	0.25-1.25%	0.17%	
PHOSPHORUS	1.5%	1.9%	
VITAMIN A	25,000 IU	54,000 IU	
POTASSIUM	2.7%	3.2%	

LOOMIX MCS II — SAMPLED IN MILES CITY — SAMPLE # 5447

ANALYSIS	CLAIMED	FOUND	
PROTEIN	25.0%	24.3%	
NPN	19.0%	0.7%	
PHOSPHORUS	2.0%	2.1%	
SALT	<3.5%	8.2%	*
VITAMIN A	50,000 IU	20,000 IU	*

MCS — SAMPLED IN WOLF POINT — SAMPLE # 5390

ANALYSIS	CLAIMED	FOUND	
PROTEIN	15.0%	13.1%	*
NPN	7.5%	0.4%	
PHOSPHORUS	1.5%	1.4%	
SALT	7-8.5%	9.1%	
VITAMIN A	25,000 IU	<2,000 IU	*

LOOMIX PROTEIN PLUS #5 3820 — SAMPLED IN MALTA — SAMPLE # 5414

ANALYSIS	CLAIMED	FOUND	
PROTEIN	24%	25.0%	
PHOSPHORUS	1.0%	1.0%	
VITAMIN A	25,000 IU	2,000 IU	*
POTASSIUM	2.0%	2.8%	

MONTANA STRESS MIX 3150 — SAMPLED IN BILLINGS — SAMPLE # 5482

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	13.1%
NPN	4%	2.9%
VITAMIN A	25,000 IU	27,000 IU

MONTANA STRESS MIX 3150 RECEIVED 11-15-93 — SAMPLED IN MILES CITY — SAMPLE # 5652

ANALYSIS	CLAIMED	FOUND	
PROTEIN	10%	13.5%	
NPN	4%	2.8%	
SALT	2.0-3.0%	1.5%	*
VITAMIN A	25,000 IU	14,000 IU	*

MONTANA STRESS MIX 3150 BS1S — SAMPLED IN MALTA — SAMPLE # 5413

ANALYSIS	CLAIMED	FOUND	
PROTEIN	10%	13.5%	
CALCIUM	.25-1.25%	0.02%	*
PHOSPHORUS	0.4%	0.3%	
VITAMIN A	25,000 IU	10,000 IU	*
POTASSIUM	2%	2.5%	

SUMMER LOOMIX 3818 B515 — SAMPLED IN BILLINGS — SAMPLE # 5480

ANALYSIS	CLAIMED	FOUND
PROTEIN	10%	12.2%
VITAMIN A	25,000 IU	22,000 IU

MANUFACTURER

PMI NUTRITION INC
PO BOX 19856
BRENTWOOD,MO 63144

PMI NUTRITION CAT FORMULA — SAMPLED IN MALTA — SAMPLE # 5421

ANALYSIS	CLAIMED	FOUND
PROTEIN	30%	31.4%

MANUFACTURER

PRAIRIE MICROTECH
363 MAXWELL CRESCENT
REGINA,SASK S4N 5X9
CANADA

RANGE MINERAL 12 — SAMPLED IN JORDAN — SAMPLE # 5649

ANALYSIS	CLAIMED	FOUND	
PROTEIN	10%	13.1%	
CALCIUM	5.5-6.5%	7.0%	
PHOSPHORUS	12%	11.7%	
VITAMIN A	240,000 IU	297,000 IU	
VITAMIN D	80,000 IU	17,000 IU	*
MAGNESIUM	1.5%	1.4%	
MANGANESE	0.45%	0.42%	

MANUFACTURER

PREFERRED PRODUCTS % HUBBARD
P.O. BOX 8500
MANKATO,MN 56001

FOR PETS SAKE FISH FLAVOR CAT FOOD — SAMPLED IN MONTANA — SAMPLE # 5171

ANALYSIS	CLAIMED	FOUND
PROTEIN	8.0%	7.9%

PREFERRED PRODUCTS % HUBBARD - MANKATO CONTINUED

SHOPPERS VALUE BEEF FLAVOR DOG FOOD — SAMPLED IN MONTANA — SAMPLE # 5169

ANALYSIS	CLAIMED	FOUND
PROTEIN	6.0%	7.3%

SHOPPERS VALUE FISH FLAVOR CAT FOOD — SAMPLED IN MONTANA — SAMPLE # 5170

ANALYSIS	CLAIMED	FOUND
PROTEIN	7.0%	7.8%

MANUFACTURER

PROVET
5436 W 78TH
INDIANAPOLIS,IN 46268

PROVET PERFORMANCE — SAMPLED IN MONTANA — SAMPLE # 5464

ANALYSIS	CLAIMED	FOUND
PROTEIN	26%	28.6%
FAT	18.0%	18.0%

MANUFACTURER

PURINA MILLS, INC
P.O. BOX 66812
ST.LOUIS,MO 63166

ACCU-LINE CHICKEN BLEND LOT#93AUG029 — SAMPLED IN BIG TIMBER — SAMPLE # 5500

ANALYSIS	CLAIMED	FOUND
PROTEIN	39%	39.1%
CALCIUM	3.3-4.3%	3.8%
PHOSPHORUS	1.4%	1.4%
SALT	1-2%	1.2%

LEAN GENERATION STARTER CHOW MED. LOT OCT139 — SAMPLED IN MISSOULA — SAMPLE # 5597

ANALYSIS	CLAIMED	FOUND
CHLORTETRACYCLINE	100 G/T	78 G/T
PROTEIN	19%	22.7%

LLAMA CHOW LOT 'OCT193 — SAMPLED IN MISSOULA — SAMPLE # 5595

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	16.2%

PRO-13 RACING ENERGIZER LOT #073093 — SAMPLED IN MISSOULA — SAMPLE # 5596

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	13.0%

PURINA MILLS, INC - ST.LOUIS CONTINUED

PUPPY CHOW GROWTH FORMULA LOT E1 541 5 — SAMPLED IN MALTA — SAMPLE # 5419

ANALYSIS	CLAIMED	FOUND
PROTEIN	27%	29.9%

PURINA LEAN GENERATION STARTER CHOW PSI AP150 — SAMPLED IN BIG TIMBER — SAMPLE # 5499

ANALYSIS	CLAIMED	FOUND
PROTEIN	22%	21.8%

MANUFACTURER

QUAKER OATS CO, THE
321 N CLARK ST 23-9
CHICAGO,IL 60610

GAINES CYCLE PUPPY BEEF FLAVOR — SAMPLED IN MONTANA — SAMPLE # 5166

ANALYSIS	CLAIMED	FOUND
PROTEIN	10.0%	12.3%

MANUFACTURER

RALCO-MIX PRODUCTS, INC
1660 HAHN ROAD
MARSHALL,MN 56258

CUSTOM CATTLE KEEPER MINERAL LOT # 03223 — SAMPLED IN BIG TIMBER — SAMPLE # 5138

ANALYSIS	CLAIMED	FOUND
CALCIUM	6-7%	7.1%
PHOSPHORUS	5%	5.1%
SALT	38-42%	39.8%
MAGNESIUM	4%	4.4%

GOLDEN GRAIN MINERAL LOT #10293 — SAMPLED IN BIG TIMBER — SAMPLE # 5497

ANALYSIS	CLAIMED	FOUND	
CALCIUM	8.5-9.5%	8.9%	
PHOSPHORUS	10%	10.2%	
VITAMIN A	200,000 IU	92,000 IU	*
VITAMIN D	100,000 IU	75,000 IU	
SELENIUM	0.0018%	0.0016%	

PEPPERS PRIDE PREMIUM 24 DOG FOOD #EFMP782 — SAMPLED IN MONTANA — SAMPLE # 5468

ANALYSIS	CLAIMED	FOUND
PROTEIN	24.0%	24.2%
FAT	12.0%	13.9%

RALCO-MIX PRODUCTS, INC - MARSHALL CONTINUED

SUPPLI MIX LOT #03223 — SAMPLED IN BIG TIMBER — SAMPLE # 5139

ANALYSIS	CLAIMED	FOUND
PROTEIN	7.5%	23.3%

SUPPLI-MIX LOT #10293 — SAMPLED IN BIG TIMBER — SAMPLE # 5496

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	22.6%

SWINE GROWER/FINISHER PREMIX 756 LOT#07023 — SAMPLED IN BIG TIMBER — SAMPLE # 5495

ANALYSIS	CLAIMED	FOUND	
CALCIUM	18-20%	20.6%	
PHOSPHORUS	6.7%	7.0%	
SALT	13-14.5%	14.0%	
VITAMIN A	100,000 IU	129,000 IU	
VITAMIN D	24,000 IU	15,000 IU	*

MANUFACTURER

RALSTON PURINA
CHECKERBOARD SQUARE
ST. LOUIS,MO 63164

ALLEY CAT POULTRY & SEA FOOD LOT # E0321-4 — SAMPLED IN BILLINGS — SAMPLE # 5119

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.4%

ALLEY CAT POULTRY & SEAFOOD FLAVORS # E0245 — SAMPLED IN MONTANA — SAMPLE # 5404

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	31.6%

DELI CAT LOT # N0147LN19 — SAMPLED IN MONTANA — SAMPLE # 5405

ANALYSIS	CLAIMED	FOUND
PROTEIN	32.0%	32.2%

HAPPY CAT MOSIT BEEF, LIVER & TURKEY # N1711 — SAMPLED IN MONTANA — SAMPLE # 5402

ANALYSIS	CLAIMED	FOUND
PROTEIN	24.0%	27.9%

NORTHWESTERN PRIDE RABBIT 18 % LOT # OCT099 — SAMPLED IN BILLINGS — SAMPLE # 5117

ANALYSIS	CLAIMED	FOUND	
PROTEIN	18.0%	16.8%	*
FIBER	18.0%	17.8%	

RALSTON PURINA - ST. LOUIS CONTINUED

PURINA DEALERS PRIDE 2100 LOT # E0908-4 — SAMPLED IN MONTANA — SAMPLE # 5118

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	23.7%

MANUFACTURER

RESERVE STREET FEEDS
3010 RESERVE STREET
MISSOULA,MT 59801

CATTLE-LAC HI-PHOS MINERAL LOT #32652547 — SAMPLED IN MISSOULA — SAMPLE # 5598

ANALYSIS	CLAIMED	FOUND
CALCIUM	8.5-12.0%	10.2%
PHOSPHORUS	14%	14.4%
VITAMIN A	250,000 IU	274,000 IU
VITAMIN D	100,000 IU	103,000 IU
SELENIUM	16 mg/lb	3.1 mg/lb *

MANUFACTURER

SCHELL & KAMPETER INC DBA DIAM
P O BOX 156
META,MO 65058

DIAMOND HIGH PROTEIN DOG FOOD LOT # 2911 5-93 — SAMPLED IN BROADUS — SAMPLE # 5638

ANALYSIS	CLAIMED	FOUND
PROTEIN	26.0%	26.5%

MANUFACTURER

SHURFINE-CENTRAL CORP
2100 N. MANNHEIM RD
NORTHLAKE,IL 60164

BITS O'BEEF DINNER CAT FOOD LOT # 3C 04 F — SAMPLED IN MONTANA — SAMPLE # 5603

ANALYSIS	CLAIMED	FOUND
PROTEIN	11.0%	11.9%

SAVERS CHOICE CHICKEN FLAVOR DOG FD # 3D 27D — SAMPLED IN MONTANA — SAMPLE # 5606

ANALYSIS	CLAIMED	FOUND
PROTEIN	8.0%	8.7%

SHUR FINE CAT FOOD LOT # 2LO 1273 — SAMPLED IN MONTANA — SAMPLE # 5407

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.1%

SHURFINE-CENTRAL CORP - NORTHLAKE CONTINUED

TUNA DINNER CAT FOOD LOT # 2M 31 A — SAMPLED IN MONTANA — SAMPLE # 5605

ANALYSIS	CLAIMED	FOUND
PROTEIN	10.0%	12.3%

TURKEY & GIBLETS DINNER CAT FOOD LOT # 3A 18G — SAMPLED IN MONTANA — SAMPLE # 5604

ANALYSIS	CLAIMED	FOUND
PROTEIN	11.0%	11.7%

MANUFACTURER

STEVENSVILLE FEED & GRAIN
407 MAIN ST
STEVENSVILLE,MT 59870

16% LAYING FEED — SAMPLED IN STEVENSVILLE — SAMPLE # 5576

ANALYSIS	CLAIMED	FOUND
PROTEIN	16.0%	16.2%

18% LAYING FEED LOT # 102593 — SAMPLED IN STEVENSVILLE — SAMPLE # 5608

ANALYSIS	CLAIMED	FOUND	
PROTEIN	18%	16.0%	*
CALCIUM	0.0	5.0%	

2 + 2 WEANING FEED LOT # 101993 — SAMPLED IN STEVENSVILLE — SAMPLE # 5599

ANALYSIS	CLAIMED	FOUND
OXYTETRACYCLINE	300 G/T	338 G/T
PROTEIN	15%	15.8%

20% CHICK STARTER FEED — SAMPLED IN STEVENSVILLE — SAMPLE # 5574

ANALYSIS	CLAIMED	FOUND
PROTEIN	20.0%	19.9%

CALF STARTER DQ MEDICATED — SAMPLED IN STEVENSVILLE — SAMPLE # 5573

ANALYSIS	CLAIMED	FOUND	
PROTEIN	18.0%	14.8%	*

HORSE PRIDE TEX — SAMPLED IN STEVENSVILLE — SAMPLE # 5601

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	11.9%

MEAT MAKER — SAMPLED IN STEVENSVILLE — SAMPLE # 5575

ANALYSIS	CLAIMED	FOUND
PROTEIN	20.0%	21.7%

MEAT MAKER — SAMPLED IN STEVENSVILLE — SAMPLE # 5602

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	19.9%

SUPER START — SAMPLED IN STEVENSVILLE — SAMPLE # 5607

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	13.2%

SWEET 'N' LO — SAMPLED IN STEVENSVILLE — SAMPLE # 5600

ANALYSIS	CLAIMED	FOUND	
PROTEIN	10%	9.2%	*

MANUFACTURER

STRONGHEART PRODUCTS INC
P.O. BOX 2009
KANSAS CITY,KS 66110

STRONGHEART BLUE RIB. RECIPE DOG FD # S8B M07 — SAMPLED IN MONTANA — SAMPLE # 5403

ANALYSIS	CLAIMED	FOUND
PROTEIN	8.0%	8.0%

MANUFACTURER

SUN SEED COMPANY INC
P.O.BOX 33
BOWLING GREEN,OH 43402

SUNSCRIPTION VITA HAMSTER LOT # 4-93-05 — SAMPLED IN BILLINGS — SAMPLE # 5115

ANALYSIS	CLAIMED	FOUND
PROTEIN	12.0%	12.6%

MANUFACTURER

SVO SPECIALTY PRODUCTS
P.O. BOX 478
CULBERTSON,MT 59218

SVO SPECIALTY PRODUCTS - CULBERTSON CONTINUED

SUNFLOWER MEAL — SAMPLED IN CULBERTSON — SAMPLE # 5426

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	20.5%

MANUFACTURER

TADAMI INC

PLYMOUTH,MN 55441

LOVE BITES CAT TREATS CHICKEN FLAVOR — SAMPLED IN MONTANA — SAMPLE # 5012

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	31.6%

MANUFACTURER

TOTEM PACIFIC CORPORATION
N.3808 SULLIVAN ROAD #5
SPOKANE,WA 99216

HORSE TEXT — SAMPLED IN GREAT FALLS — SAMPLE # 5001

ANALYSIS	CLAIMED	FOUND
PROTEIN	11.0%	11.4%
VITAMIN A	3,000 IU	4,400 IU

MANUFACTURER

TRIPLE "F" INC.
10100 DOUGLAS AVE.
DES MOINES,IA 50322

PHARMTECH SWINE FINISHER PAK 2080 LOT-2912004 — SAMPLED IN CHOTEAU — SAMPLE # 4989

ANALYSIS	CLAIMED	FOUND
PROTEIN	21%	23.4%

WEANING PELLET 6-15 NO. 2501 — SAMPLED IN CHOTEAU — SAMPLE # 5016

ANALYSIS	CLAIMED	FOUND
PROTEIN	20%	20.6%
VITAMIN A	20,000 IU	18,000 IU
VITAMIN D	5,000 IU	6,000 IU

MANUFACTURER

TSC INDUSTRIES INC
915 MURFREESBORO ROAD
NASHVILLE,TN 37217

RETRIEVER HIGH PROTEIN CAT LOT # 2L06083 — SAMPLED IN MONTANA — SAMPLE # 5123

ANALYSIS	CLAIMED	FOUND
PROTEIN	30.0%	30.0%

MANUFACTURER

TUFFY'S DIV of STARKIST
P.O. BOX 190
PERHAM,MN 56573

TUFFY'S GOLDEN CHUCKS DOG FOOD — SAMPLED IN BILLINGS — SAMPLE # 5110

ANALYSIS	CLAIMED	FOUND
PROTEIN	21.0%	21.3%

TUFFY'S PERFORMANCE BLEND — SAMPLED IN BILLINGS — SAMPLE # 5111

ANALYSIS	CLAIMED	FOUND
PROTEIN	26.0%	27.7%
FAT	18.0%	18.1%

MANUFACTURER

VALCO AGRI-SERVICE
P.O. BOX 129
GLASGOW,MT 59230

CREEP RATION LOT #3-2-2-3 — SAMPLED IN GLASGOW — SAMPLE # 5360

ANALYSIS	CLAIMED	FOUND
PROTEIN	13.0%	13.7%
VITAMIN A	5,000 IU	6,500 IU

HOG FINISHER '13' MEDICATED LOT # 2-9-2-1 — SAMPLED IN GLASGOW — SAMPLE # 5363

ANALYSIS	CLAIMED	FOUND
PROTEIN	13%	14.1%

LAMB GROWER 14 MEDICATED PELLETS — SAMPLED IN GLASGOW — SAMPLE # 5358

ANALYSIS	CLAIMED	FOUND	
PROTEIN	14.0%	14%	
CHLORTETRACYCLINE	25 G/T	0	*

VALCO AGRI-SERVICE - GLASGOW CONTINUED

PIG GROWER '16' MEDICATED LOT # 3-1-8-7 SAMPLED IN GLASGOW SAMPLE # 5364

ANALYSIS	CLAIMED	FOUND
PROTEIN	16%	16.0%

RABBIT PELLETS LOT # 3-1-4-7 SAMPLED IN GLASGOW SAMPLE # 5357

ANALYSIS	CLAIMED	FOUND
PROTEIN	16%	15.9%

SHOWKING TOPPER LOT #3-3-9-4 SAMPLED IN GLASGOW SAMPLE # 5359

ANALYSIS	CLAIMED	FOUND
PROTEIN	25.0%	24.2%
CALCIUM	1.5-2.5%	2.0%
PHOSPHORUS	2.0%	2.3%
SALT	2-3%	2.7%
VITAMIN A	45,000 IU	26,000 IU *

MANUFACTURER

VIGORTONE AG PRODUCTS
P.O. BOX 1230
CEDAR RAPIDS, IA 52406

VIGORTONE BOVOTONE FC NO. 32 S LOT# F285*3 SAMPLED IN COHAGEN SAMPLE # 5647

ANALYSIS	CLAIMED	FOUND
CALCIUM	13.5-16.2%	15.9%
PHOSPHORUS	7%	7.2%
SALT	18.2-21.8%	20.9%
VITAMIN A	300,000 IU	300,000 IU
VITAMIN D	30,000 IU	21,000 IU

VIGORTONE FEED LOT NO 411RV LOT #635F300*2 SAMPLED IN HYSHAM SAMPLE # 5078

ANALYSIS	CLAIMED	FOUND
NPN	<57.0%	51.0%
CALCIUM	21-25.2%	23.4%
PHOSPHORUS	1.65%	1.86%
VITAMIN A	165,000 IU	151,000 IU

VIGORTONE FEED LOT NO 46R LOT #793F713 SAMPLED IN HYSHAM SAMPLE # 5077

ANALYSIS	CLAIMED	FOUND
CALCIUM	23.5-28.2%	25.6%
VITAMIN A	250,000 IU	260,000 IU
POTASSIUM	7.0%	7.2%

MANUFACTURER

W J JENNSION
424 N RIVERFRONT DR
MANKATO,MN 5602-8500

CO. PRIME MULTI FLAVORED DOG BIS. # 3L07073 — SAMPLED IN MONTANA — SAMPLE # 5401

ANALYSIS	CLAIMED	FOUND
PROTEIN	20.0%	21.5%

MANUFACTURER

WESTERN STATES INDUSTRIES
P.O. BOX 855
CHOTEAU,MT 59422

ALFALFA PELLETS — SAMPLED IN CHOTEAU — SAMPLE # 4988

ANALYSIS	CLAIMED	FOUND
PROTEIN	15%	15.8%

FALL & WINTER KAKE — SAMPLED IN CHOTEAU — SAMPLE # 4987

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	13.3%
VITAMIN A	20,000 IU	19,000 IU

WSI EAST SLOPE MINERAL NO.9450 SEPT — SAMPLED IN CHOTEAU — SAMPLE # 5017

ANALYSIS	CLAIMED	FOUND	
PROTEIN	36%	40.8%	
CALCIUM	3.75-4.75%	4.83%	
PHOSPHORUS	14%	14.3%	
VITAMIN A	250,000 IU	143,000 IU	*
VITAMIN D	70,000 IU	60,000 IU	
MAGNESIUM	2.5%	3.58%	
SELENIUM	0.0035%	0.0019%	*

MANUFACTURER

WESTERN SUGAR CO
P.O. BOX DRAWER 30878
BILLINGS,MT 59107

BEET PULP PELLETS — SAMPLED IN BILLINGS — SAMPLE # 5478

ANALYSIS	CLAIMED	FOUND
PROTEIN	8%	8.4%

MDS MOLASSES DESUGARIZED SOLUBLE — SAMPLED IN BILLINGS — SAMPLE # 5476

ANALYSIS	CLAIMED	FOUND	
PROTEIN	15%	11.8%	*

WESTERN SUGAR CO - BILLINGS CONTINUED

MOLASSES - BEET — SAMPLED IN BILLINGS — SAMPLE # 5477

ANALYSIS	CLAIMED	FOUND
PROTEIN	7.5%	10.9%

MANUFACTURER

WESTFEEDS
1420 MINNESOTA AVENUE
BILLINGS,MT 59101

32% CALF WEANER CONCENTRATE LOT#23392266 — SAMPLED IN BILLINGS — SAMPLE # 5486

ANALYSIS	CLAIMED	FOUND
PROTEIN	32%	32.1%
NPN	<10%	5.6%
CALCIUM	4.25-4.75%	4.8%
PHOSPHORUS	3%	2.8%
VITAMIN A	100,000 IU	122,000 IU
VITAMIN D	32,000 IU	36,000 IU
POTASSIUM	2%	1.8%

ABC RUMINANT TRACE MINERAL LOT#32932670 — SAMPLED IN BILLINGS — SAMPLE # 5488

ANALYSIS	CLAIMED	FOUND
MAGNESIUM	13.5%	15.6%
ZINC	12%	12.8%
COPPER	3%	2.9%
MANGANESE	12%	10.9%

BIG POKE CONCENTRATE LOT#32912659 — SAMPLED IN BILLINGS — SAMPLE # 5489

ANALYSIS	CLAIMED	FOUND
PROTEIN	37%	36.9%
CALCIUM	4.5-5.5%	5.5%
PHOSPHORUS	2.45%	2.65%

BIO-RANGE MINERAL LOT#32852625 — SAMPLED IN BILLINGS — SAMPLE # 5490

ANALYSIS	CLAIMED	FOUND
CALCIUM	6.5-7.5%	7.3%
PHOSPHORUS	8%	8.0%
VITAMIN A	150,000 IU	157,000 IU

BOG POKE CONCENTRATE LOT # 32812615 — SAMPLED IN MALTA — SAMPLE # 5415

ANALYSIS	CLAIMED	FOUND
PROTEIN	37%	37.4%
CALCIUM	4.5-5.5%	5.4%
PHOSPHORUS	2.45%	2.40%
VITAMIN A	25,000 IU	21,000 IU

WESTFEEDS - BILLINGS CONTINUED

SYNTRIEN BASE MIX LOT#31812286 — SAMPLED IN BILLINGS — SAMPLE # 5487

ANALYSIS	CLAIMED	FOUND
CALCIUM	21-22%	21.7%
PHOSPHORUS	10%	9.6%
VITAMIN A	110,000 IU	100,000 IU
VITAMIN D	20,000 IU	16,000 IU
IODINE	0.004%	0.007%

MANUFACTURER

WOODY'S FEED AND GRAIN
P.O. BOX 1934
DICKINSON,ND 58601

HEIFER SUPPLEMENT WITH MGA MED LOT #19-C — SAMPLED IN OLIVE — SAMPLE # 5451

ANALYSIS	CLAIMED	FOUND
PROTEIN	12.0%	12.3%

IMPERIAL FEEDLOT BOOSTER 30% ALL NATURAL BOVA — SAMPLED IN OLIVE — SAMPLE # 5641

ANALYSIS	CLAIMED	FOUND
PROTEIN	30%	31.0%
VITAMIN A	30,000 IU	27,000 IU

IMPERIAL FEEDLOT BOOSTER 30% NATURAL LOT#4A — SAMPLED IN OLIVE — SAMPLE # 5449

ANALYSIS	CLAIMED	FOUND	
PROTEIN	30.0%	26.7%	*
NPN	NO CLAIM	<0.3%	
CALCIUM	3.5-4.5%	3.7%	
VITAMIN A	30,000 IU	27,000 IU	

START ON ARRIVAL MEDICATED 11-26-93 — SAMPLED IN SIDNEY — SAMPLE # 5657

ANALYSIS	CLAIMED	FOUND
PROTEIN	12%	13.3%
VITAMIN A	5,000 IU	9,000 IU
POTASSIUM	1.25%	1.56%

SUPER MIX CATTLE MINERAL 12-12 LOT# A-22 — SAMPLED IN OLIVE — SAMPLE # 5642

ANALYSIS	CLAIMED	FOUND	
CALCIUM	12-14%	14.2%	
PHOSPHORUS	12%	12.7%	
SALT	13-15%	13.8%	
VITAMIN A	200,000 IU	152,000 IU	
VITAMIN D	40,000 IU	23,000 IU	*
POTASSIUM	2%	2.4%	

MANUFACTURER

ZIP FEED MILLS
P.O. BOX 500
SIOUX FALLS,SD 57117

ZIP SWINE BARLEY BALANCER 447 — SAMPLED IN BAKER — SAMPLE # 5452

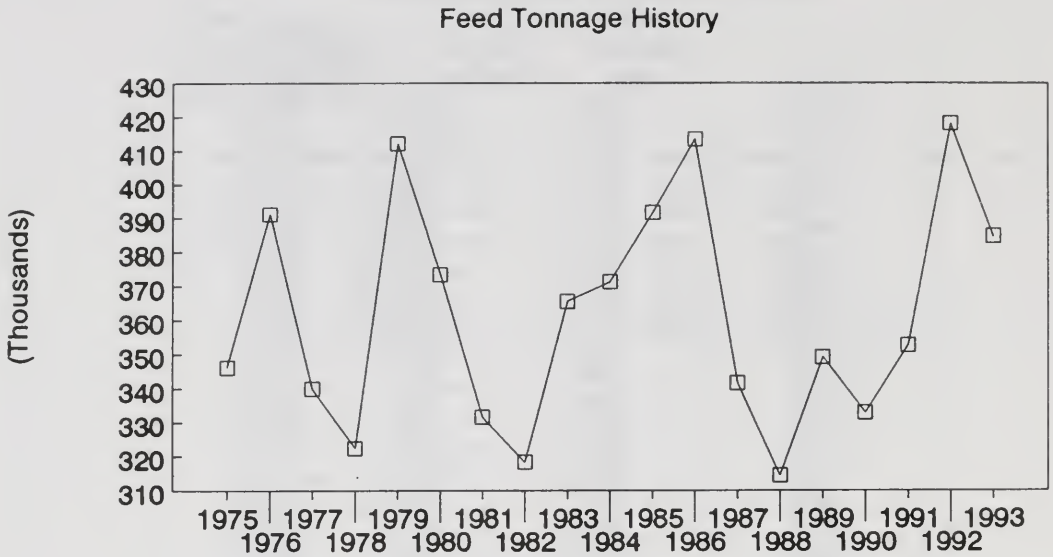
ANALYSIS	CLAIMED	FOUND	
PROTEIN	34.0%	34.2%	
CALCIUM	5-6%	5.3%	
PHOSPHORUS	2.25%	2.30%	
SALT	1.5-2.5%	4.7%	*
VITAMIN A	15,000 IU	8,300 IU	*
POTASSIUM	3.25%	0.25%	*

Feed Sampling & Analysis History

Year	Samples Taken	Out of Tolerance	% Out of Tolerance
1977	368	124	33.7
1978	401	105	26.2
1979	231	39	16.9
1980	437	62	14.2
1981	251	73	29.1
1982	332	82	24.7
1983	354	72	20.3
1984	266	64	24.1
1985	406	106	26.1
1986	290	50	17.2
1987	265	60	22.6
1988	280	57	20.4
1989	293	50	17.1
1990	310	54	17.4
1991	241	43	17.8
1992	335	76	22.7
1993	272	71	26.1

1993 Feed Sampling & Analysis Breakdown

Nutrient	Analyzed	Out of Tolerance	% Out of Tolerance
Protein	239	30	12.6
NPN	24	2	8.3
Fat	11		
Fiber	3		
Calcium	74	4	5.4
Phosphorus	68	4	5.9
Salt	40	7	
Vitamin A	111	33	29.7
Vitamin D	23	6	
Magesium	16	1	6.3
Potassium	21	2	9.5
Iodine	3	1	
Copper	2	1	
Selenium	6	3	50
Fluorine	1		
Manganese	3		
Zinc	2		
Chlortetracycline	8	2	25
Oxtetracycline	6		
Total	661	96	14.5



Feed Tonnage History

Year	Tonnage
1975	346,242
1976	391,176
1977	339,946
1978	322,452
1979	412,113
1980	373,463
1981	331,625
1982	318,312
1983	365,620
1984	371,317
1985	391,558
1986	413,452
1987	341,579
1988	314,336
1989	349,280
1990	332,997
1991	352,762
1992	418,090
1993	384,607

MONTANA COMMERCIAL FEED REPORTED FOR 1993

FORMULA FEEDS		NO. OF TONS	FEED INGREDIENTS	NO. OF TONS
Broiler Feeds	Complete	3391	Alfalfa Products	2038
	Supplement	574	Amino Acid Products	106
Turkey Feeds	Complete	522	Animal Products	3597
	Supplement	20	Barley Products	2136
Starter–	Complete	1353	Beet Products	3882
Grower	Supplement	348	Brewer Products	12
(Egg–type)			Canola Products	6422
Layer–	Complete	2308	Cottonseed Products	503
Breeder	Supplement	1236	Drug Products	831
(Egg–type)			Fats & Oils	457
Beef Feeds	Complete	83466	Linseed & Flax Products	495
	Supplement	89723	Maize Products	1970
Dairy Feeds	Complete	10918	Marine Products	41
	Supplement	6492	Milk Products	179
Swine Feeds	Complete	8156	Mineral Products	17112
	Supplement	14226	Molasses	15809
Sheep Feeds	Complete	2913	Oat Products	355
	Supplement	4385	Probiotic/Yeast	765
Horse Feeds	Complete	4055	Safflower Products	3541
	Supplement	995		
Mineral Feeds	Complete	8060	Soybean Products	4884
	Supplement	9307	Sunflower Products	6726
Rabbit Feeds		966	Urea	1170
Mineralized Salt		7217	Vitamin Products	304
			Wheat Products	40058
Miscellaneous		6877	Misc. Ingredients	3712
Formula Feeds Total		267,504	Feed Ingredients Total	117,102

Total Commercial Feed 384,607 Tons

PART B --- FERTILIZER REPORT

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Abbreviations used in Part B

Phosphorus	Available Phosphoric Acid (P_2O_5)
Potash	Soluble Potassium (K_2O)
ppm	Parts Per Million
*	Exceeds Permitted Analytical Variation

MANUFACTURER

AG WEST DIVISION
580 WEST 13TH SOUTH
SALT LAKE CITY,UT 84115

MOUNTAIN GREEN LAWN FOOD — SAMPLED IN BILLINGS — SAMPLE # 5091

ANALYSIS	CLAIMED	FOUND
NITROGEN	25%	25.2%
PHOSPHORUS	5%	5.2%
POTASH	5%	5.1%
IRON	.1%	.08%

MANUFACTURER

AGRI BASICS CO
1420 MINNESOTA AVE
BILLINGS,MT 59101

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 5088

ANALYSIS	CLAIMED	FOUND
NITROGEN	17%	17%
PHOSPHORUS	15%	15.8%
POTASH	15%	16.8%
SULFUR	3.5%	3.5%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 5147

ANALYSIS	CLAIMED	FOUND
NITROGEN	28.5%	28.5%
PHOSPHORUS	15.6%	16.6%

AMMONIUM NITRATE RAIL CAR # ALEX 1207 — SAMPLED IN BILLINGS — SAMPLE # 5479

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.3%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 5491

ANALYSIS	CLAIMED	FOUND
NITROGEN	17%	16.8%
PHOSPHORUS	22.5%	22.6%
POTASH	16.3%	16.5%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 5492

ANALYSIS	CLAIMED	FOUND
NITROGEN	25.2%	25.3%
PHOSPHORUS	25.3%	26.1%

MANUFACTURER

AGRI BASICS CO
P.O.BOX 1431
GREAT FALLS,MT 59403

BLEND — SAMPLED IN GREAT FALLS — SAMPLE # 5014

ANALYSIS	CLAIMED	FOUND	
NITROGEN	10%	8.9	*
PHOSPHORUS	33%	28.6	*
POTASH	10%	11.0%	
SULFUR	3%	4.6%	
ZINC	3%	3.2%	

MANUFACTURER

AGRI BASICS CO
P.O.BOX 1279
MILES CITY,MT 59301

CUSTOM BLEND — SAMPLED IN MILES CITY — SAMPLE # 5462

ANALYSIS	CLAIMED	FOUND
NITROGEN	31%	31.0%
PHOSPHORUS	12%	12.1%
POTASH	7%	9.7%

MANUFACTURER

AGRI BASICS CO
903 EAST MAIN
SIDNEY,MT 59270

CUSTOM BLEND — SAMPLED IN SIDNEY — SAMPLE # 5455

ANALYSIS	CLAIMED	FOUND	
NITROGEN	19.5%	19.4%	
PHOSPHORUS	23%	21.4%	*
SULFUR	12%	14.1%	

MANUFACTURER

CANADIAN FERTILIZERS LTD
1250 52nd ST N.W.;P.O.BOX 1300
MEDICINE HAT,ALBT T1J 7N1
CANADA

UREA B/L #05732 — SAMPLED IN BROADVIEW — SAMPLE # 5125

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.5%

CANADIAN FERTILIZERS LTD - MEDICINE HAT CONTINUED

UREA BILL OF LADING #02424 — SAMPLED IN HARDIN — SAMPLE # 5128

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.0%

MANUFACTURER

CENEX
37 AG SERVICES LN.
RONAN,MT 59864

CUSTOM BLEND — SAMPLED IN RONAN — SAMPLE # 5583

ANALYSIS	CLAIMED	FOUND
NITROGEN	12%	12.3%
PHOSPHORUS	22%	22.4%
POTASH	13%	13.6%
SULFUR	9%	9.3%

MANUFACTURER

CENEX LTD

SAVAGE,MT 59262

CUSTOM BLEND — SAMPLED IN SAVAGE — SAMPLE # 5453

ANALYSIS	CLAIMED	FOUND
NITROGEN	39%	39.2%
PHOSPHORUS	11.5%	11.7%

MANUFACTURER

CENEX LTD.
55 4th AVE. E.N.
KALISPELL,MT 59901

CUSTOM BLEND — SAMPLED IN KALISPELL — SAMPLE # 4723

ANALYSIS	CLAIMED	FOUND	
NITROGEN	25.5%	25.6%	
PHOSPHORUS	10.4%	7.6%	*

CUSTOM BLEND — SAMPLED IN KALISPELL — SAMPLE # 4724

ANALYSIS	CLAIMED	FOUND	
NITROGEN	4.7%	4.6%	
PHOSPHORUS	22.2%	17.9%	*
POTASH	26.5%	30.7%	
SULFUR	12.9%	13.6%	

MANUFACTURER

CENEX SOIL SERVICE CENTER
P.O.BOX 857
TOWNSEND,MT 59644

CUSTOM BLEND — SAMPLED IN MISSOULA — SAMPLE # 5581

ANALYSIS	CLAIMED	FOUND
NITROGEN	38%	38.2%
SULFUR	7%	8.8%

MANUFACTURER

CENEX SUPPLY
2111 W. TOWNE
GLENDIVE,MT 59330

CUSTOM BLEND — SAMPLED IN GLENDIVE — SAMPLE # 5461

ANALYSIS	CLAIMED	FOUND	
NITROGEN	25.8%	23.4%	*
PHOSPHORUS	13.8%	11.5%	*
POTASH	8.6%	11.7%	
SULFUR	4.1%	4.9%	

MANUFACTURER

CENEX SUPPLY
P.O.BOX 1440
MILES CITY,MT 59301

CUSTOM BLEND — SAMPLED IN MILES CITY — SAMPLE # 5459

ANALYSIS	CLAIMED	FOUND	
NITROGEN	23%	21.6%	*
PHOSPHORUS	23%	25.7%	
POTASH	8%	9.0%	
IRON	2%	2.0%	

MANUFACTURER

CENEX/ LAND O'LAKES AGRONOMY
P.O.BOX 64089
ST. PAUL,MN 55164

0-0-60 — SAMPLED IN KALISPELL — SAMPLE # 4728

ANALYSIS	CLAIMED	FOUND
POTASH	60%	63.6%

11-52-0 — SAMPLED IN KALISPELL — SAMPLE # 4726

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHORUS	52%	52.6%

11-52-0 SIMPLOT MONOAMMMONIUM PHOSPHATE — SAMPLED IN WOLF POINT — SAMPLE # 5356

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.2%
PHOSPHORUS	52%	53.2%

18-46-0 CFI DIAMMOMIUM PHOSPHATE — SAMPLED IN WOLF POINT — SAMPLE # 5354

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	17.9%
PHOSPHORUS	46%	46.8%

34-0-0 — SAMPLED IN KALISPELL — SAMPLE # 4727

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

46-0-0 — SAMPLED IN GLASGOW — SAMPLE # 5398

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.1%

46-0-0 SASK FERCO UREA — SAMPLED IN WOLF POINT — SAMPLE # 5355

ANALYSIS.	CLAIMED	FOUND
NITROGEN	46%	46.3%

AMMONIUM SULFATE — SAMPLED IN STEVENSVILLE — SAMPLE # 5589

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.0%

CON AGRA AMMONIUM SULFATE — SAMPLED IN GLASGOW — SAMPLE # 5400

ANALYSIS	CLAIMED	FOUND
NITROGEN	20.5%	20.4%
SULFUR	24%	24.5%

DAP RR CAR #CSXT 203174 — SAMPLED IN BILLINGS — SAMPLE # 5124

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.2%
PHOSPHORUS	46%	46.1%

DIAMMONIUM PHOSPHATE — SAMPLED IN STEVENSVILLE — SAMPLE # 5591

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.3%
PHOSPHORUS	46%	46.6%

KALIUM POTASH 0-0-62 — SAMPLED IN GLASGOW — SAMPLE # 5399

ANALYSIS	CLAIMED	FOUND
POTASH	62%	61.5%

MONOAMMONIUM PHOSPHATE — SAMPLED IN STEVENSVILLE — SAMPLE # 5590

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHORUS	52%	52.3%

UREA — SAMPLED IN STEVENSVILLE — SAMPLE # 5588

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	45.9%

MANUFACTURER

CENEX/LAND O'LAKES AGRONOMY
P.O.BOX 215
LAMBERT,MT 59243

CUSTOM BLEND — SAMPLED IN LAMBERT — SAMPLE # 5460

ANALYSIS	CLAIMED	FOUND
NITROGEN	12%	12.1%
PHOSPHORUS	41.6%	42.2%
POTASH	3%	7.3%
SULFUR	3.6%	3.8%

MANUFACTURER

CENEX/LAND O'LAKES AGRONOMY
P.O.BOX 857
TOWNSEND,MT 59644

CUSTOM BLEND — SAMPLED IN MISSOULA — SAMPLE # 5582

ANALYSIS	CLAIMED	FOUND
NITROGEN	32%	33.0%
PHOSPHORUS	15%	15.0%
SULFUR	4%	4.7%

MANUFACTURER

CHAS. H. LILLY CO (THE)
7737 N.E. KILLINGSWORTH
PORTLAND,OR 97218

LILLY MILLER ULTRAGREEN — SAMPLED IN BILLINGS — SAMPLE # 5093

ANALYSIS	CLAIMED	FOUND
NITROGEN	20%	22%
PHOSPHORUS	2%	3.6%

LILLY MILLER ULTRAGREEN CONTINUED

ANALYSIS	CLAIMED	FOUND
POTASH	4%	4.7%
SULFUR	15%	15.8%
IRON	2%	1.9%

MANUFACTURER

CLOUDS PEAK
501 EAST 8TH ST.
SHERIDAN,WY 82801

LAWN & GARDEN FERTILIZER — SAMPLED IN FORSYTH — SAMPLE # 5105

ANALYSIS	CLAIMED	FOUND
NITROGEN	19%	18.9%
PHOSPHORUS	9%	9.7%
POTASH	9%	10.2%
SULFUR	9%	9.1%
IRON	0.9%	1.1%

MANUFACTURER

CO-OP SERVICE CENTER
P.O.BOX 80363
BILLINGS,MT 59108

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 5150

ANALYSIS	CLAIMED	FOUND	
NITROGEN	15%	23.1%	
PHOSPHORUS	30%	30.2%	
POTASH	15%	2.1%	*

MANUFACTURER

COASTAL CHEMICAL INC
PO BOX 1287
CHEYENNE,WY 82003

AMMONIUM NITRATE PO# 74029 — SAMPLED IN BILLINGS — SAMPLE # 5134

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

MANUFACTURER

COMINCO AMERICAN INC
P.O.BOX 3087
SPOKANE,WA 99220

COMINCO AMERICAN INC - SPOKANE CONTINUED

AMMONIUM SULFATE — SAMPLED IN GREAT FALLS — SAMPLE # 5006

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	20.9%
SULFUR	24%	24.6%

AMMONIUM SULFATE — SAMPLED IN HAMILTON — SAMPLE # 5585

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	20.9%

POTASH — SAMPLED IN HAMILTON — SAMPLE # 5587

ANALYSIS	CLAIMED	FOUND
POTASH	60%	61.7%

POTASH — SAMPLED IN STEVENSVILLE — SAMPLE # 5592

ANALYSIS	CLAIMED	FOUND
POTASH	60%	62.5%

MANUFACTURER

CONAGRA CHEMICAL FERTILIZER CO
P.O.BOX 176
DUTTON,MT 59433

AMMONIUM SULFATE — SAMPLED IN VALIER — SAMPLE # 5007

ANALYSIS	CLAIMED	FOUND
NITROGEN	20%	20.5%
SULFUR	24%	24.6%

MANUFACTURER

FARMERS EXCHANGE
115 MAIN
STEVENSVILLE,MT 59870

CUSTOM BLEND — SAMPLED IN STEVENSVILLE — SAMPLE # 5577

ANALYSIS	CLAIMED	FOUND
NITROGEN	26.4%	26.3%
PHOSPHORUS	10%	10.6%
POTASH	6.2%	7.2%
SULFUR	7%	8.1%

MANUFACTURER

FARMERS UNION ASSOCIATION
P.O.BOX 385
HARDIN,MT 59034

CUSTOM BLEND — SAMPLED IN HARDIN — SAMPLE # 5130

ANALYSIS	CLAIMED	FOUND	
NITROGEN	36.6%	33.2	*
PHOSPHORUS	11.7%	11.8%	
POTASH	3%	7.7%	

CUSTOM BLEND — SAMPLED IN HARDIN — SAMPLE # 5131

ANALYSIS	CLAIMED	FOUND
NITROGEN	21.7%	21.6%
PHOSPHORUS	21.6%	21.6%
POTASH	14.5%	16.0%

MANUFACTURER

FARMERS UNION OIL
P O BOX 339
CHINOOK,MT 59523

LAWN FERT. MARCH 93 — SAMPLED IN HAVRE — SAMPLE # 5011

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	10.4%
PHOSPHORUS	27%	26.9%
POTASH	24%	26.7%

MANUFACTURER

FARMERS UNION OIL CO
P.O.BOX 156
WORDEN,MT 59088

CUSTOM BLEND — SAMPLED IN WORDEN — SAMPLE # 5101

ANALYSIS	CLAIMED	FOUND
NITROGEN	26.7%	26.6%
PHOSPHORUS	13.3%	13.3%
POTASH	8.7%	9.4%
SULFUR	4.6%	5.2%

CUSTOM BLEND — SAMPLED IN WORDEN — SAMPLE # 5137

ANALYSIS	CLAIMED	FOUND	
NITROGEN	34.2%	34.3%	
PHOSPHORUS	13.7%	12.7%	*
SULFUR	6.8%	7.2%	

MANUFACTURER

FARMERS UNION TRADING CO
P.O.BOX 67
TERRY,MT 59349

CUSTOM BLEND — SAMPLED IN TERRY — SAMPLE # 5458

ANALYSIS	CLAIMED	FOUND	
NITROGEN	30.7%	27.0%	*
PHOSPHORUS	12.7%	13.4%	
POTASH	10.1%	14.0%	

MANUFACTURER

GRACE-SIERRA HORTICULTURAL
1001 YOSEMITE DRIVE
MILPITAS,CA 95035

OSMOCOTE 14-14-14 LOT # 013M099 — SAMPLED IN BILLINGS — SAMPLE # 5095

ANALYSIS	CLAIMED	FOUND
NITROGEN	14%	14%
PHOSPHORUS	14%	14.7%
POTASH	14%	14.8%

PETERS EXCEL 21-5-20 LOT # 2266-1 — SAMPLED IN BILLINGS — SAMPLE # 5094

ANALYSIS	CLAIMED	FOUND	
NITROGEN	21%	24.8%	
PHOSPHORUS	5%	4.9%	
POTASH	20%	18.1	*
IRON	.1%	.1%	

MANUFACTURER

HARVEST STATES COOP
P.O.BOX 36
FALLON,MT 59326

CUSTOM BLEND — SAMPLED IN FALLON — SAMPLE # 5457

ANALYSIS	CLAIMED	FOUND
NITROGEN	22%	21.9%
PHOSPHORUS	8%	8.7%
POTASH	15%	15.6%

MANUFACTURER

HARVEST STATES COOPERATIVE
P.O.BOX 355
COLUMBUS,MT 59019

CUSTOM BLEND — SAMPLED IN COLUMBUS — SAMPLE # 5127

ANALYSIS	CLAIMED	FOUND	
NITROGEN	22.2%	17.4	*
POTASH	16.3%	22.0%	
SULFUR	5.4%	7.5%	

MANUFACTURER

HARVEST STATES COOPERATIVE
P.O.BOX 1272
CUTBANK,MT 59427

CUSTOM BLEND — SAMPLED IN CUTBANK — SAMPLE # 5010

ANALYSIS	CLAIMED	FOUND	
NITROGEN	22%	19.0%	*
PHOSPHORUS	22%	22.1%	
POTASH	11%	17.7%	

MANUFACTURER

HI LINE FERTILIZER INC
P.O.BOX 228
HINGHAM,MT 59528

AMMONIUM POLYPHOSPHATE — SAMPLED IN CONRAD — SAMPLE # 5009

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	11.1%
PHOSPHORUS	34%	34.2%

MANUFACTURER

IRONITE PRODUCTS CO
8700 VIA De VENTURA SUITE 280
SCOTTSDALE,AZ 85258

IRONITE — SAMPLED IN BILLINGS — SAMPLE # 5092

ANALYSIS	CLAIMED	FOUND
NITROGEN	1%	2.4%
SULFUR	5%	6.1%
IRON	4.5%	3.5%

MANUFACTURER

J R SIMPLOT CO
P O BOX 31
HYSHAM,MT 59038

CUSTOM BLEND — SAMPLED IN HYSHAM — SAMPLE # 5103

ANALYSIS	CLAIMED	FOUND
NITROGEN	25.2%	25.4%
PHOSPHORUS	25.2%	25.7%

MANUFACTURER

J.R.SIMPLOT CO
P.O.BOX 912
POCATELLO,ID 83204

1-13-93 — SAMPLED IN HAVRE — SAMPLE # 5004

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.3%
PHOSPHORUS	20%	20.8%

1-18-93 — SAMPLED IN HAVRE — SAMPLE # 5005

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.8%
PHOSPHORUS	52%	51.9%

11-52-0 — SAMPLED IN GLASGOW — SAMPLE # 5353

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.3%
PHOSPHORUS	52%	53.1%

11-52-0 — SAMPLED IN GLENDIVE — SAMPLE # 5454

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHORUS	52%	52.8%

AMMONIUM PHOSPHATE- SULFATE — SAMPLED IN HAVRE — SAMPLE # 5004

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.3%
PHOSPHORUS	20%	20.8%

DIAMMONIUM PHOSPHATE — SAMPLED IN BILLINGS — SAMPLE # 5146

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.2%
PHOSPHORUS	46%	46.8%

MONOAMMONIUM PHOSPHATE — SAMPLED IN HAVRE — SAMPLE # 5005

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.8%
PHOSPHORUS	52%	51.9%

J.R.SIMPLOT CO - POCATELLO CONTINUED

TRIPLE SUPER PHOSPHATE SHIPPERS #353764 SAMPLED IN BILLINGS SAMPLE # 5493

ANALYSIS	CLAIMED	FOUND
PHOSPHORUS	45%	45.2%

MANUFACTURER

J.R.SIMPLOT SOIL SERVICE
P.O.BOX 80125
BILLINGS,MT 59108

CUSTOM BLEND SAMPLED IN BILLINGS SAMPLE # 5133

ANALYSIS	CLAIMED	FOUND
NITROGEN	30.5%	30.4%
PHOSPHORUS	9.9%	10.8%

CUSTOM BLEND SAMPLED IN BILLINGS SAMPLE # 5148

ANALYSIS	CLAIMED	FOUND
NITROGEN	28.5%	28.3%
PHOSPHORUS	9.8%	10.2%
POTASH	3.7%	5.2%

MANUFACTURER

JIM HICKS & COMPANY
561 MERCURY LANE; SUITE A
BREA,CA 92621

AMMONIUM NITRATE SAMPLED IN STEVENSVILLE SAMPLE # 5593

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

MANUFACTURER

LAMMERS FEED & SEED
DRAWER 729
HARLOWTON,MT 59036

CUSTOM BLEND SAMPLED IN HARLOWTON SAMPLE # 5106

ANALYSIS	CLAIMED	FOUND	
NITROGEN	28.1%	28.8%	
PHOSPHORUS	9.5%	7.2	*
POTASH	3.2%	4.1%	
SULFUR	0.9%	1.9%	

MANUFACTURER

LAUREL COOPERATIVE ASSN

BRIDGER,MT 59014

CUSTOM BLEND — SAMPLED IN BRIDGER — SAMPLE # 5141

ANALYSIS	CLAIMED	FOUND
NITROGEN	23.5%	24.0%
PHOSPHORUS	11.8%	11.7%
POTASH	11.7%	12.5%

CUSTOM BLEND — SAMPLED IN BRIDGER — SAMPLE # 5142

ANALYSIS	CLAIMED	FOUND
NITROGEN	25.2%	25.2%
PHOSPHORUS	18.7%	19.7%
SULFUR	1.7%	3.2%
ZINC	0.9%	1.1%

MANUFACTURER

LAUREL COOPERATIVE ASSN
P.O.BOX 7
EDGAR,MT 59026

CUSTOM BLEND — SAMPLED IN EDGAR — SAMPLE # 5100

ANALYSIS	CLAIMED	FOUND
NITROGEN	28.6%	29.2%
PHOSPHORUS	19.1%	19.1%
POTASH	7.7%	8.3%

CUSTOM BLEND — SAMPLED IN EDGAR — SAMPLE # 5140

ANALYSIS	CLAIMED	FOUND
NITROGEN	40%	40.2%
PHOSPHORUS	10%	10%

MANUFACTURER

LaROCHE INDUSTRIES INC
1165 NORTH 1600 WEST
OREM,UT 84057

AMMONIUM NITRATE — SAMPLED IN BILLINGS — SAMPLE # 5149

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.3%

MANUFACTURER

MOIESE FERTILIZER
RT. 2 BOX 56
MOIESE,MT 59824

SAMPLED IN MOIESE — SAMPLE # 5578

ANALYSIS	CLAIMED	FOUND	
NITROGEN	13%	13.2%	
POTASH	22.5%	22.2%	
SULFUR	15%	15.4%	

CUSTOM BLEND — SAMPLED IN MOIESE — SAMPLE # 4950

ANALYSIS	CLAIMED	FOUND	
NITROGEN	4.2%	6%	
PHOSPHORUS	20%	27.9%	
POTASH	34%	28	*

MANUFACTURER

MON-KOTA INC
P.O.BOX 487
FAIRVIEW,MT 59221

CUSTOM BLEND — SAMPLED IN FAIRVIEW — SAMPLE # 5456

ANALYSIS	CLAIMED	FOUND	
NITROGEN	22%	20.8%	*
PHOSPHORUS	10%	9.9%	

MANUFACTURER

NU-WEST IND. INC
3010 CONDA ROAD
SODA SPRINGS,ID 83276

AMMONIUM PHOSPHATE- SULFATE — SAMPLED IN HAMILTON — SAMPLE # 5586

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.8%
PHOSPHORUS	20%	20.2%

AMMONIUM PHOSPHATE- SULFATE — SAMPLED IN STEVENSVILLE — SAMPLE # 5593

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.5%
PHOSPHORUS	20%	20.8%

MANUFACTURER

O.M.SCOTT & SONS CO
14310 SCOTTSLAWN
MARYSVILLE,OH 43041

SCOTTS TURF BUILDER LOT # 181791105 — SAMPLED IN BILLINGS — SAMPLE # 5089

ANALYSIS	CLAIMED	FOUND
NITROGEN	29%	29.7%
PHOSPHORUS	3%	3%
POTASH	4%	4.2%

MANUFACTURER

RINGER CORPORATION
9959 VALLEY VIEW ROAD
MINNEAPOLIS,MN 55344

RINGER LAWN RESTORE LOT C 133 — SAMPLED IN BILLINGS — SAMPLE # 5090

ANALYSIS	CLAIMED	FOUND
NITROGEN	9%	9.3%
PHOSPHORUS	4%	4.1%
POTASH	4%	4.6%

MANUFACTURER

SHERRITT FERTILIZER INC
7600 N.E.41st STREET;SUITE 195
VANCOUVER,WA 98662

UAN LIQUID FERTILIZER — SAMPLED IN CONRAD — SAMPLE # 5008

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	28.3%

URAN SOLUTION — SAMPLED IN GREAT FALLS — SAMPLE # 5015

ANALYSIS	CLAIMED	FOUND
NITROGEN	32%	31.1%

MANUFACTURER

SUPER GRO OF IOWA
P.O.BOX 126
APLINGTON,IA 50604

CUSTOM BLEND — SAMPLED IN MONTANA — SAMPLE # 5463

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	11.6%
PHOSPHORUS	26%	26.0%
POTASH	5%	5.4%
SULFUR	4%	10.3%

MANUFACTURER

TRI COUNTY COOP
P.O.BOX 288
HYSHAM,MT 59038

CUSTOM BLEND — SAMPLED IN HYSHAM — SAMPLE # 5104

ANALYSIS	CLAIMED	FOUND
NITROGEN	28.3%	28.4%
PHOSPHORUS	13%	13.2%

MANUFACTURER

UNOCAL CORP- PET PROD & CHEM D
1511 E. ORANGE THROPE
FULLERTON,CA 92631

AMMONIUM NITRATE — SAMPLED IN HAMILTON — SAMPLE # 5584

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

MANUFACTURER

WESTLAND SEED & SUPPLY CO
1308 ROUND BUTTE ROAD WEST
RONAN,MT 59864

CUSTOM BLEND — SAMPLED IN RONAN — SAMPLE # 5580

ANALYSIS	CLAIMED	FOUND	
NITROGEN	12%	12.1%	
PHOSPHORUS	13%	6.2	*
POTASH	22.5%	28.5%	
SULFUR	5%	5.6%	

LAWN & GARDEN FERTILIZER — SAMPLED IN RONAN — SAMPLE # 5579

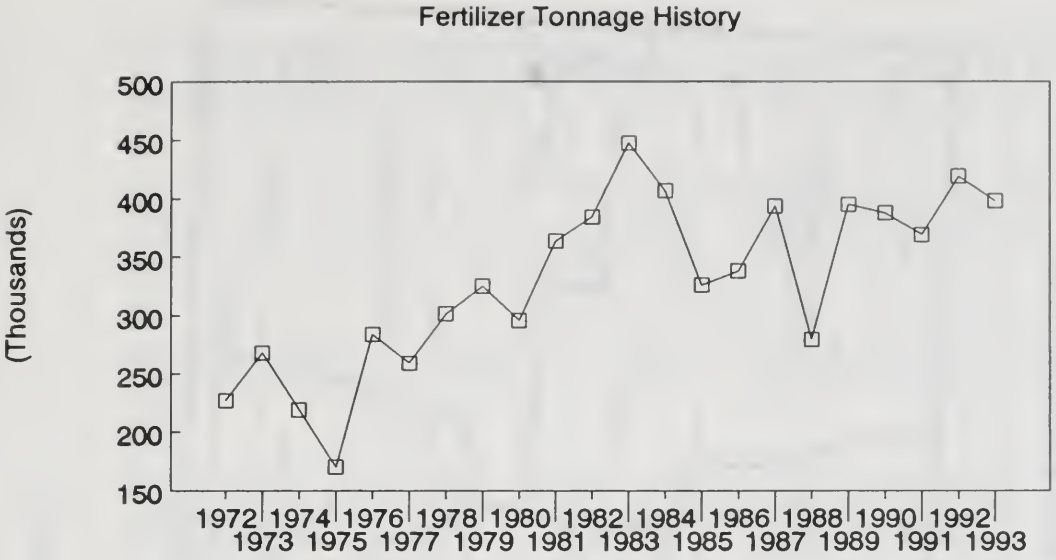
ANALYSIS	CLAIMED	FOUND	
NITROGEN	16%	17.4%	
PHOSPHORUS	16%	15.4%	
POTASH	16%	12.4%	*
SULFUR	6%	8.4%	

Fertilizer Sampling & Analysis History

Year	# Samples Taken	# Samples Deficient	% Samples Deficient
1977	448	32	7.1
1978	533	30	5.6
1979	365	21	5.8
1980	506	27	5.3
1981	428	24	5.6
1982	607	41	6.8
1983	558	50	9
1984	379	58	15.3
1985	368	55	14.9
1986	228	43	18.9
1987	175	25	14.3
1988	228	18	7.9
1989	128	17	13.3
1990	154	31	20.1
1991	142	18	12.7
1992	107	21	19.6
1993	89	18	20.2

1993 Fertilizer Sampling & Analysis Breakdown

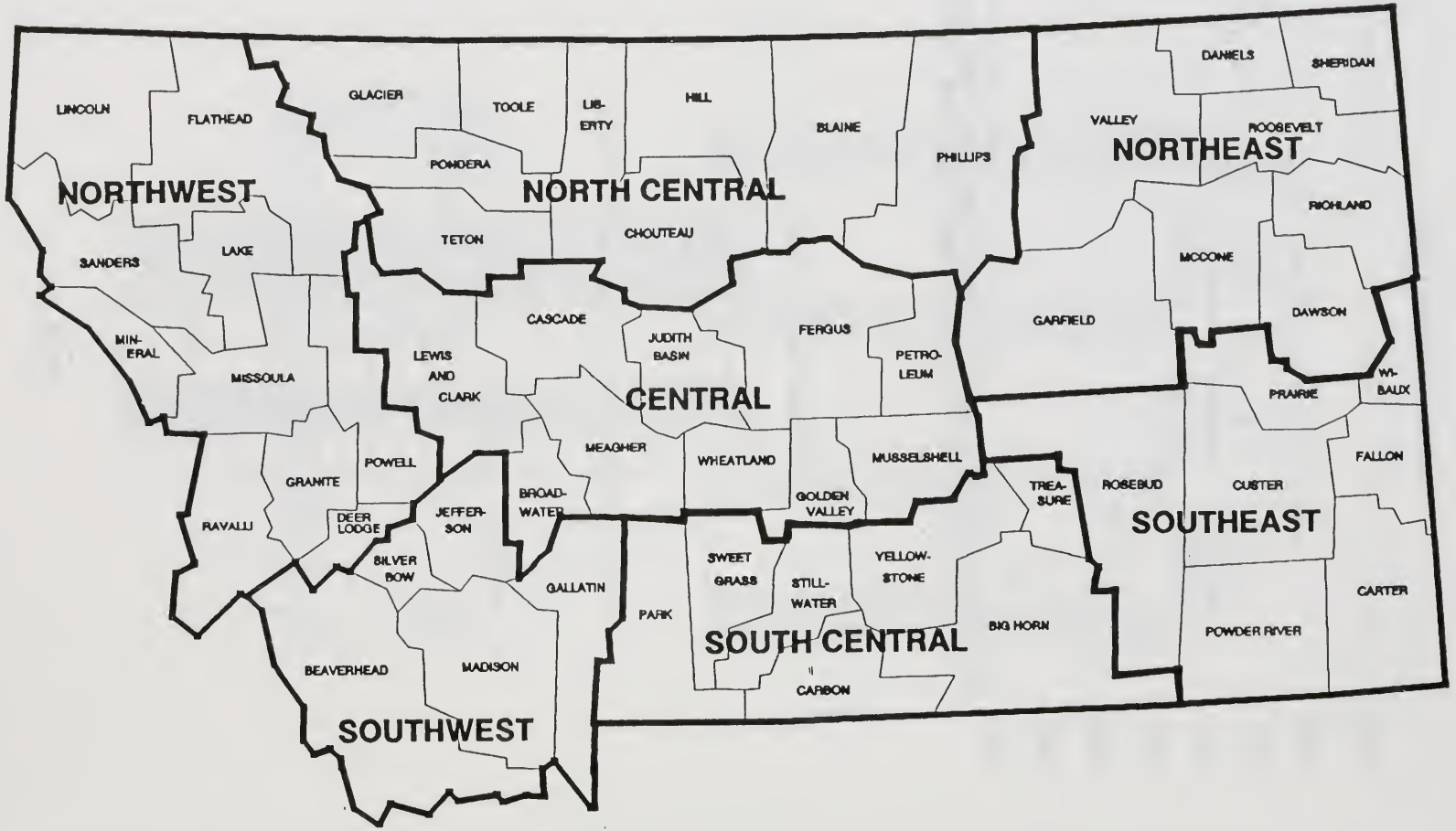
Nutrient	# Analyzed	# Deficient	% Deficient
Nitrogen	84	8	9.5
Phosphate	63	8	12.7
Potash	39	4	10.3
Sulfur	25		0
Iron	6		0
Zinc	2		0
Total	219	20	9.1



Fertilizer Tonnage History

Year	Tonnage
1972	226,939
1973	268,061
1974	219,197
1975	170,324
1976	283,925
1977	259,211
1978	301,487
1979	324,838
1980	295,958
1981	363,295
1982	384,387
1983	447,407
1984	406,567
1985	325,887
1986	337,626
1987	393,505
1988	279,616
1989	395,033
1990	387,583
1991	368,868
1992	418,982
1993	397,957

MONTANA AGRICULTURAL STATISTICS DISTRICTS



FERTILIZER SOLD IN MONTANA
Reported by Montana Agricultural Statistic Districts

JANUARY - JUNE 1993

FERTILIZER	SOUTH WEST	NORTH WEST	SOUTH CENTRAL	CENTRAL	NORTH CENTRAL	NORTH EAST	SOUTH EAST	TOTAL
Anhydrous Ammonia	820	1,359	408	3,554	9,795	1,054	1,196	18,186
Ammonium Nitrate	11,577	2,846	8,032	6,894	7,312	93	311	37,065
Ammonium Sulfate	913	1,761	791	534	2,884	1,555	33	8,471
Urea	1,467	2,539	5,571	22,593	25,451	15,101	3,717	76,439
Ammonium Thiosulfate			12	1	480			493
Nitrogen Solutions 32%	148	60	95	392	339	120	71	1,225
Nitrogen Solutions 28%	24	258		92	3,985	1,064		5,423
Phosphorus Materials	347	16	40	89	98			590
Phosphoric Acid			33		1,056			1,089
Potash Material	1,136	2,216	1,329	3,716	5,555	2,041	1,057	17,050
Sulfur	66	48	566		112	64	12	868
Sulfuric Acid					100			100
DAP	1,008	627	2,889	3,839	2,962	12,728	1,801	25,854
MAP	3,613	2,635	2,008	14,112	21,845	6,206	1,688	52,107
APS	7,414	626	593	2,263	700	89	26	11,711
10-34-0	78			49	1,308	557	173	2,165
Other Blends	74	165	714	6,299	1,613	201		9,066
Micronutrients	13	100	65	17	126	24	24	369
Gypsum/Lime	15	98	27			1	25	166
Compost		870						870
TOTALS	28,713	16,224	23,173	64,444	85,721	40,898	10,134	269,307

FERTILIZER SOLD IN MONTANA
Reported by Montana Agricultural Statistic Districts

JULY - DECEMBER 1993

FERTILIZER	SOUTH WEST	NORTH WEST	SOUTH CENTRAL	CENTRAL	NORTH CENTRAL	NORTH EAST	SOUTH EAST	TOTAL
Anhydrous Ammonia	209	96	1,481	5,627	16,727	1,106	839	26,085
Ammonium Nitrate	2,917	249	2,525	147	1,202	1	433	7,474
Ammonium Sulfate	647	546	455	71	415	281	23	2,438
Urea	638	697	5,572	7,325	9,786	4,358	1,119	29,495
Ammonium Thiosulfate	20	114	31		219			384
Nitrogen Solutions 32%	51	134	96	78	384			743
Nitrogen Solutions 28%	1	137	5	41	2,373	475		3,032
Phosphorus Materials		7	59	44	652			762
Phosphoric Acid								
Potash Material	487	636	944	1,368	2,166	319	138	6,058
Sulfur	24	29	452		312	15	5	837
Sulfuric Acid								
DAP	182	235	4,392	1,558	1,834	3,313	1,827	13,341
MAP	1,766	983	1,262	7,588	15,626	1,173	420	28,818
APS	461	322	507	1,229	374		72	2,965
10-34-0	38	1	15	138	943	120		1,255
Other Blends	10	8	603	2,145	1,302	319		4,387
Micronutrients	1	30	54		4	5	9	103
Gypsum/Lime		58					4	62
Compost		411						411
TOTALS	7,452	4,693	18,453	27,359	54,319	11,485	4,889	128,650

MONTANA DEPARTMENT OF AGRICULTURE
FERTILIZER AND FERTILIZER MATERIAL SOLD IN MONTANA
FOR THE YEAR 1993

Statewide Total	JAN.–JUN. 1993	JULY–DEC. 1993	YEARLY TOTALS
Anhydrous Ammonia	18,186	26,085	59,184
Ammonium Nitrate	37,065	7,474	57,141
Ammonium Sulfate	8,471	2,438	12,688
Urea	76,439	29,495	141,096
Ammonium Thiosulfate	493	384	936
Nitrogen Sols. 32%	1,225	743	2,360
Nitrogen Sols. 28%	5,423	3,032	9,973
Phosphorus Material	590	762	1,623
Phosphoric Acid	1,089		1,677
Potash Material	17,050	6,058	33,338
Sulfur	868	837	1,705
Sulfuric Acid	100		100
DAP	25,854	13,341	55,742
MAP	52,107	28,818	113,752
APS	11,711	2,965	18,892
10–34–0	2,165	1,255	4,373
OTHER BLENDS	9,066	4,387	17,986
MICRONUTRIENTS	369	103	472
GYPSUM/LIME	166	62	228
COMPOST	870	411	1,281
TOTALS	269,307	128,650	397,957

TOTAL NITROGEN	80714	46192	126906
TOTAL P205	45646	23809	69455
TOTAL K2O	10230	3635	13865

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